TETRA TECH

Phase I Environmental Site Assessment
Vulcan Materials Company
2350 and 2400 West Highland Avenue
San Bernardino County, California 92407
Project No. 197-2020-0033






March 27, 2020

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Prepared for:

The Carson Companies
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Attention: Mr. Todd Burnight

CONFIDENTIAL ATTORNEY WORK PRODUCT

TETRA TECH

March 27, 2020

The Carson Companies
100 Bayview Circle, Suite 3500
Newport Beach, California 92660

Attention: Mr. Todd Burnight

RE: Phase I Environmental Site Assessment
Vulcan Materials Company
2350 and 2400 West Highland Avenue
San Bernardino County, California 92407
Project No. 197-2020-0033

Dear Mr. Burnight:

Tetra Tech BAS (Tetra Tech) appreciates the opportunity to submit this Phase I Environmental Site Assessment (ESA) report (Report) for the above-referenced property (Site) to The Carson Companies.

Tetra Tech found one recognized environmental condition (REC) (including controlled RECs [CRECs]), no potential vapor encroachment conditions (VECs) that are considered indicative of potential vapor intrusion, one historical REC (HREC), no potential environmental concerns (PECs), and three business environmental risks (BERs) in connection with the Site.

It is Tetra Tech's understanding that this Phase I ESA is being requested in conjunction with due diligence activities by The Carson Companies. Tetra Tech recognizes that this Report is to be used exclusively by The Carson Companies. It is a report upon which The Carson Companies can rely.

We appreciate the opportunity to provide you with these services. Please do not hesitate to contact us at your convenience should you have questions or comments regarding this Report or our findings. It has been a pleasure working with you on this transaction.

Sincerely,

TETRA TECH, INC.

STEVEN GROD
Project Manager



GREG ACOSTA
Vice President, Environmental Services

Enclosures

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
Vulcan Materials Company
2350 and 2400 West Highland Avenue
San Bernardino County, California 92407
Project No. 197-2020-0033

1.0 EXECUTIVE SUMMARY

On February 19, 2020, Tetra Tech BAS (Tetra Tech) was authorized by The Carson Companies to conduct a Phase I Environmental Site Assessment (ESA) of the property referenced as Vulcan Materials Company at 2350 and 2400 West Highland Avenue in San Bernardino County, California (Site). The assessment included visual observation of the Site, inspection of the surrounding properties from curbside, review of historical ownership and use, review of regulatory listings, review of Internet resources, and interviews with persons knowledgeable about the Site. The following provides a summary of Tetra Tech's findings and conclusions.

The Site occupies approximately 101 acres of land and is located north and northwest of the intersection of West Highland Avenue and Pepper Avenue in San Bernardino County, California. The Site has three facilities operating within the Site boundaries – a sand and gravel plant, a concrete plant, and an asphalt plant. The sand and gravel plant is operated by Vulcan Materials Company. The sand and gravel plant has an office building, a maintenance shop building, a lube bay, an equipment wash area, and various small storage or electrical containers. A fuel dispensing area with diesel underground storage tanks (USTs) and a waste oil UST is present west of the lube bay. An equipment wash area is used to steam clean equipment. The main activities of the sand and gravel plant include receiving source materials from an off-Site sand and gravel pit, and processing, storing, and selling those materials to customers (or transporting them to on-Site concrete and asphalt plants). Water from the processing activities is transferred to a series of settling ponds in the central portion of the Site.

The concrete plant is operated by Holloway Concrete. The concrete plant has an office building, a storage building, temporary materials storage area, and concrete production area. Source materials from the sand and gravel plant are stored at the concrete plant, then transferred via a conveyer belt, mixed with fly ash and concrete additive to produce the concrete, which is then transferred to trucks for off-Site use. Water used in concrete mixing activities is transferred from the sand and gravel plant, and after use, the wastewater is transferred back to the sand and gravel plant and then to the on-Site settling ponds.

The asphalt plant is operated by Vulcan Materials Company. The asphalt plant has an office building, a maintenance shop building, a materials laboratory building, and various small storage or electrical containers. The asphalt plant includes a drier, an elevator to move source materials, a separator to separate materials into different sizes, and a mixer. The asphalt is mixed and then transferred to trucks for off-Site use. Water used in asphalt mixing activities is transferred from the sand and gravel plant, and, after use, the wastewater is transferred back to the sand and gravel plant and then to the on-Site settling ponds. The materials laboratory building is used to analyze the composition of source materials provided by the sand and gravel plant.

No areas of staining considered to be significant and no areas of stressed vegetation were observed at the Site.

A hazardous materials storage area is present adjacent to the west side of the maintenance shop building at the sand and gravel plant. Hazardous materials are stored and used throughout the three plant facilities

primarily in aboveground storage tanks (ASTs), USTs, 275-gallon totes, and 55-gallon drums. The hazardous materials included a number of compounds such as diesel fuel, diesel exhaust fluid, gasoline, asphalt additive foaming agent (for dust control), and asphalt release agent. Hazardous wastes include waste oil, antifreeze, and other vehicle-related hazardous wastes. See sections 6.1, 6.4, and 6.6 for a more complete discussion of hazardous materials and hazardous wastes (hazardous substances). The presence of hazardous substances at the Site in various sized containers including ASTs, USTs, 275-gallon totes, and 55-gallon drums is considered to be a component of the Site use recognized environmental condition (REC).

Domestic wastewater is reported to be discharged to septic systems at the Site. Septic systems at the Site are considered to be a component of the Site use REC.

According to the historical records reviewed (Environmental Data Resources, Inc. [EDR]), and agency records), the Site was occupied by undeveloped or vacant land with Lytle Creek Wash crossing the Site between at least 1896 and 1938. A levee was present along the northeast border of the Site by 1949 and the Site was no longer depicted as part of the Lytle Creek Wash. By 1949, the Site was occupied by a gravel pit, the processing area within the sand and gravel plant, and several of the existing buildings. By 1959, the concrete plant and asphalt plant and their associated buildings were depicted. By 1966, the gravel pit appeared to no longer be present. By 1995, the west portion of the Site appeared to be in use for the storage of materials. By 2006, settling ponds were present in the central portion of the Site. Settled sediment in the on-Site settling ponds is considered to be a component of the Site use REC that is discussed further below. As discussed below, a land disposal/burn site is reported to have been present in the early- to mid-1950s. No evidence of the land disposal/burn site was observed or depicted at the Site on the historical aerial photographs or topographic maps reviewed during this Phase I ESA.

Based on the years of construction of the Site buildings (by at least the 1940s to 1950s), it is possible that asbestos-containing materials (ACMs) and lead-based paint (LBP) and other lead-containing materials (LCMs) (e.g., ceramic tiles) are present in the buildings. Observed or inferred suspect ACMs at the Site include: vinyl flooring and associated mastic and/or backing, carpet mastic, drywall and associated joint compound, window caulk, roofing materials, and concrete slabs/joint compound in expansion joints. Painted surfaces were observed to be in generally good condition, with no significant areas of damaged paint noted. Concrete slabs, particularly joint compound in expansion joints, can contain ACMs and polychlorinated biphenyls (PCBs). Window caulking can also contain PCBs. Untested suspect ACMs and LBP and other LCMs, and the potential for PCB-containing joint compound within concrete slabs and PCB-containing window caulking are considered to be a business environmental risk (BER).

Fluorescent light fixtures (including ballasts and bulbs/tubes) were observed in the Site buildings. Based on the years of construction of the Site buildings (by at least the 1940s to 1950s), it is possible that the fluorescent light ballasts contain PCBs. Fluorescent bulbs/tubes contain mercury. No evidence of damage or leakage was observed. The presence of potentially PCB-containing fluorescent light ballasts, and mercury-containing fluorescent bulbs/tubes, is considered to be a *de minimis* condition.

USTs were also reported to be present at the asphalt plant including two combined USTs containing PG-6410 asphalt oil and totaling 103.14 tons, one 51.20-ton UST containing PG-7010 asphalt oil, and one empty 10,000-gallon UST located to the east of the asphalt mixing area at the asphalt plant. One 10,000-gallon diesel UST was historically located at this facility. Refer to Section 4.3 for additional information regarding the USTs at this on-Site facility. Industrial Asphalt at 2340 West Highland Avenue was listed on the State Water Resources Control Board's (SWRCB's) GeoTracker website as a leaking UST (LUST) facility. This facility was reported to have had a release of diesel that impacted the soil. Based on the records reviewed, this listing is for the asphalt plant at the Site. The status for the case is completed – case closed. According to San Bernardino County Fire Department (SBCFD) records reviewed, one 10,000-gallon diesel UST was

removed from the asphalt plant in 1990. Impacted soil was found during a subsurface investigation in the area of the former UST. The impacted soil was removed. Confirmation soil samples had analyte concentrations that were below cleanup levels. The County of San Bernardino Environmental Management Group issued a completion of site investigation and remedial action letter dated February 16, 1993 for the former diesel UST at this facility. Refer to Section 4.3 for additional information regarding the LUST case for the Site. The former diesel LUST case is considered to be an historical REC (HREC).

Vulcan Materials at 2400 West Highland Avenue was listed on the GeoTracker website as a UST facility. The SBCFD was listed as the lead agency for USTs at this facility. According to SBCFD records reviewed, four USTs are currently located at this facility including one 20,000-gallon diesel UST, one 12,000-gallon diesel UST, one 3,500 oil UST, and one 4,500-gallon waste oil UST in the fuel dispensing area to the west of the lube bay at the sand and gravel plant. The 12,000-gallon diesel, 3,500-gallon oil, and 4,500-gallon waste oil USTs are part of a three-way split UST. Historical USTs were also formerly located at the Site including six USTs at the sand and gravel plant in the same location as the current USTs. These USTs were removed in 1987. Final confirmation soil samples had analyte concentrations below cleanup levels. The SBCFD then approved the installation of the above-discussed four new double-walled USTs in the UST excavation. Refer to Section 4.3 for additional information regarding the USTs at this on-Site facility.

Calmat Co. San Bernardino Plant Aggregate Mining Operation (Cajon Wash and Lytle Creek) was listed on GeoTracker as a land disposal site. The location of this facility was depicted within the area of the Site. The SARWQCB was listed as the lead agency for this facility. The status of the land disposal site was reported to be closed as of February 2017. According to an Inactive Waste Disposal Site Summary Letter (Strata Technologies, Inc., 1990), this facility was active from the early 1950s and likely closed before 1955. Refuse at the land disposal site was reported to have been burned. Materials reported to have been disposed at the land disposal site included household refuse, bottles, cans, tree stumps, asphalt blocks, bricks, tiles, and concrete slabs. A subsurface study was performed in the area of the former land disposal site in 1992 (Toxic Technology, Inc. [TTI], 1992). TTI referred to the former disposal site as a landfill. Four borings were advanced to a depth of 25 feet below the depth of the material to a maximum depth of 70 feet below ground surface (bgs). Fill material was reported to a depth of 15 feet bgs, overlying native soil. Fill and soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), dioxins, metals, total recoverable petroleum hydrocarbons (TRPH), organochlorine pesticides, and asbestos-containing materials. All the analytes were non-detectable or below action levels, except for TRPH. Toxic Technology, Inc. concluded that the landfill was not impacted with any materials that would be considered to be hazardous. Tetra Tech also requested records for this facility from the SARWQCB. No additional records were found. It is unknown whether the area of the TTI investigation was within the Site boundaries. The former land disposal/burn site reported to have been present at the Site is considered to be a component of the Site use REC.

Site observations and the information reviewed for this assessment did not indicate RECs, HRECs, potential environmental concerns (PECs), or BERs associated with the Site regarding environmental liens, activity use limitations (AULs), solid waste management, mercury, water supply, wastewater, storm water, radon, air emissions, microbial growth and moisture intrusion, or environmental non-compliance issues. No information regarding a potential vapor encroachment condition (VEC) that would be considered indicative of vapor intrusion at the Site by volatile compounds has been found during this assessment.

The inspection of the abutting properties from curbside and a review of federal, state, and local regulatory agency databases/records did not reveal the presence of off-Site sources that are considered to be RECs or PECs to the Site at this time.

According to a Case Closure Summary for a property (Arco #9697 – 2187 West Highland Avenue) located approximately 0.7 of one mile east-southeast of the Site, groundwater was encountered at depths ranging from approximately 128 to 320 feet below ground surface (bgs), and the groundwater flow direction at that property was reported to be towards the south-southeast (SBCFD, 2004).

Conclusions

Tetra Tech has performed a Phase I ESA in general conformance with the scope of work cited in 40 Code of Federal Regulations (CFR) §312, et al., and American Society of Testing and Materials (ASTM) Standard Practice E1527-13 (including all appropriate inquiry [AAI]) of the property referenced as Vulcan Materials Company at 2350 and 2400 West Highland Avenue in San Bernardino County, California (the Site). Any exceptions to, or deletions from, the scope of work in 40 CFR §312, et al., or ASTM Standard Practice E1527-13 are described in this Phase I ESA Report where applicable.

Based on the information gathered during the performance of this assessment, Tetra Tech's understanding of current regulatory guidelines, and the judgment of Tetra Tech, the following conclusions have been reached:

- No RECs have been found in connection with the Site except for the historical and current use of the Site, including:
    - The presence of hazardous substances at the Site in various sized containers including ASTs, USTs, 275-gallon totes, and 55-gallon drums.
    - Septic systems.
    - Settled sediment in on-Site settling ponds.
    - A former land disposal/burn site reported to have been present at the Site.
- No HRECs have been found in connection with the Site except for the following:
    - The former diesel LUST case for the asphalt plant at the Site.
- No PECs have been found in connection with the Site.
- The following BERs have been found in connection with the Site:
    - Untested suspect ACMs.
    - Untested suspect LBP and other LCMs.
    - The potential for joint compound within concrete slabs and window caulking to be PCB-containing.
- The presence of possible PCB-containing fluorescent light ballasts and mercury-containing fluorescent light bulbs/tubes is considered to be a *de minimis* condition.
- No off-Site facilities are considered to be RECs or PECs to the Site at this time.

Recommendations

Based on the information gathered during the performance of this assessment, Tetra Tech's understanding of current regulatory guidelines, and the judgment of Tetra Tech, the following recommendations are presented for consideration based on the findings of the Phase I ESA:

- A subsurface investigation should be performed to evaluate RECs at the Site. This may include, but not be limited to, soil, soil gas, and/or groundwater sampling and analysis.

- Prior to any demolition, remodeling, and/or renovation activities at the Site, untested suspect ACMs and LBP and other LCMs that may be disturbed should be sampled and analyzed in accordance with applicable regulations. Abatement of known and suspect ACMs and LBP and other LCMs should be performed prior to any demolition, remodeling, and/or renovation activities (that would disturb the ACMs and LBP and other LCMs) in accordance with applicable regulations. In the event that renovation or demolition activities do not take place, known and suspect ACMs and LBP and other LCMs at the Site should be managed in accordance with applicable regulations, including the preparation and implementation of an Asbestos Operation and Maintenance (O&M) Plan and a Lead O&M Plan.

- Any concrete or window caulking removed from the Site should be removed in accordance with applicable regulations, including those for ACMs and PCBs.

- During removal or replacement of fluorescent light fixtures and ballasts and fluorescent light bulbs/tubes, the fixtures, ballasts, and bulbs/tubes should be disposed of in accordance with applicable regulations.

- Any soil removed from the Site should be sampled and analyzed for chemicals of potential concern.

2.0 INTRODUCTION

On February 19, 2020, Tetra Tech BAS (Tetra Tech) was authorized by The Carson Companies, to conduct a Phase I Environmental Site Assessment (ESA) of the property referenced as Vulcan Materials Company at 2350 and 2400 West Highland Avenue in San Bernardino County, California (Site). The assessment included visual observation of the Site, inspection of the surrounding properties from curbside, review of historical ownership and use, review of regulatory listings, review of Internet resources, and interviews with persons knowledgeable about the Site.

This Phase I ESA was performed consistent with the terms and conditions in the Agreement for Consultant's Services signed February 19, 2020. The Phase I ESA also was performed in general accordance with the American Society for Testing and Materials (ASTM) Standard Practice E1527-13 document entitled, "Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process" and with the All Appropriate Inquiries (AAI) Final Rule at 40 Code of Federal Regulations (CFR) Part 312.

2.1 PURPOSE AND SCOPE OF SERVICES

The primary purpose of this assessment was to identify recognized environmental conditions (RECs) in connection with the Site. ASTM defines RECs as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions." When used in this Phase I ESA report (Report), the term REC includes controlled RECs (CRECs).

Information on the Site boundaries was obtained from publicly accessible information obtained from the San Bernardino County Assessor (including an aerial photograph), and observations made during the Site vicinity reconnaissance for boundary features, such as driveways, roads, adjacent buildings, etc. It is outside of the scope of work of this Phase I ESA, however, to independently verify Site boundaries and all references to the Site boundaries are considered approximate.

The assessment included a visual reconnaissance of the Site, visual inspection of the surrounding properties from curbside, review of historical ownership and use, review of regulatory listings, and interviews with persons knowledgeable about the Site, as applicable. The following provides a more detailed description of the scope of services:

- Visual inspection of the Site to identify potential for on-Site oil or hazardous material release(s).
- Visual inspection of the Site to evaluate the likelihood that polychlorinated biphenyls (PCBs) are present (e.g., in transformers and fluorescent light ballasts).
- Visual inspection and categorization of the use of abutting and adjacent properties.
- Review of local records related to historical ownership, usage, and Site development. This also included interviewing local environmental authorities, as applicable, to obtain information regarding complaints, violations, citations, and/or inspections related to the Site.

- Review of published federal regulatory records related to on-Site activities and to potential off-Site sources of oil or hazardous material impacts. Federal records reviewed include the following:

    - National Priorities List (NPL)
    - Delisted NPL
    - Superfund Enterprise Management System (SEMS [formerly Comprehensive Environmental Response, Compensation and Liability Information System – CERCLIS])
    - SEMS-Archive (formerly CERCLIS No Further Remedial Action Planned)
    - Corrective Action Report (CORRACTS)
    - Resource Conservation and Recovery Information System (RCRIS) Treatment, Storage, and Disposal (TSD) facilities
    - RCRIS Hazardous Waste Generators (Large Quantity Generators [LQGs] and Small Quantity Generators [SQGs])
    - Institutional Controls/Engineering Controls
    - Emergency Response Notification System (ERNS)

- Review of readily available state and tribal regulatory records and publications for environmental activities related to the Site and potential off-Site sources of oil or hazardous material impacts. State and tribal records reviewed include the following:

    - State Equivalent NPL (Envirostor, Hist Cal-Sites, CA Bond Ex. Plan)
    - State-equivalent SEMS (Response)
    - Landfill and/or Solid Waste Disposal
    - Underground Storage Tank (UST)
    - Leaking UST (LUST)
    - Institutional Controls/Engineering Controls
    - Voluntary Cleanup
    - Brownfields

- Review of proprietary records maintained by Environmental Data Resources, Inc. (EDR).

- Review of readily available historic Site documents to assess for potential on-Site sources of oil or hazardous material impacts.

- Review of readily available aerial photos for the Site and Site vicinity to evaluate present and historical development/facilities.

- Review of readily available plans and documents relative to construction materials utilized at the Site and any historical renovation activities.

- Visual inspection of the interior and exterior of Site structures to confirm whether suspect asbestos-containing materials (ACMs) and lead-based paint (LBP) and other lead-containing materials (LCMs) are present and to note the presence of obvious (visual or olfactory) mold conditions or water damage.

- Preparation of a Phase I ESA report.

2.2 SIGNIFICANT ASSUMPTIONS, LIMITATIONS AND EXCEPTIONS, SPECIAL TERMS AND CONDITIONS

Significant Assumptions

Information provided by others to Tetra Tech is assumed to be accurate and complete. When provided, Tetra Tech has made reasonable inquiry into the accuracy of such information. Unless such inquiry indicated otherwise, the information was considered to be accurate and complete. As discussed below in this Section 2.2, there are limitations to this assumption.

There were no other significant assumptions made during the conduct of this Phase I ESA.

Limitations and Exceptions

Tetra Tech did not significantly delete or deviate from the scope and limitations set forth in the ASTM Standard Practice E1527-13 document entitled, "Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process," except for:

- Tetra Tech's visual inspection for suspect ACMs, suspect LBP and other LCMs, and obvious mold/microbial growth/moisture accumulation or water damage was limited to observations in readily and physically accessible areas of the Site. The visual inspection was not a formal survey and was not performed by a certified asbestos, LBP/LCM, or mold inspector.

Our professional services have been performed, our findings obtained, and our conclusions prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties, either expressed or implied. Tetra Tech is not responsible for the independent conclusions, opinions, or recommendations made by others based on the records review, Site inspection, field exploration, and laboratory test data presented in this Report.

It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn from information obtained from limited research and Site evaluation. Subsurface conditions were not field investigated as part of this study and may differ from the conditions implied by the surficial observations. Additionally, the passage of time may result in a change in the environmental characteristics at this Site and surrounding properties. This Report does not warrant against future operations or conditions, nor does this warrant operations or conditions present of a type or at a location not investigated. This Report is not a regulatory compliance audit.

This assessment is not intended to assess if any soil contamination, waste emplacement, or groundwater contamination exists by subsurface sampling through the completion of soil borings and the installation of monitoring wells. The scope of work, determined by the client, did not include these activities.

Tetra Tech reviewed past ownership of the Site with the intent to evaluate past Site usage. Tetra Tech is not a professional title insurance firm and makes no guarantee, either explicit or implied, that the listing which was reviewed represented a comprehensive delineation of past Site ownership or tenancy for legal purposes.

Certain information contained in this Report may have been rightfully provided to Tetra Tech by third parties or other outside sources. When provided, Tetra Tech has made reasonable inquiry into the accuracy of such information; however, Tetra Tech does not make any warranties or representations, either expressed or implied, regarding the accuracy of such information, and shall not be held accountable or responsible in the event that any such inaccuracies are present.

Special Terms and Conditions

There were no special terms or conditions associated with this Phase I ESA.

2.3 USER RELIANCE

It is Tetra Tech's understanding that this Phase I ESA is being requested in conjunction with due diligence activities by The Carson Companies. Tetra Tech recognizes that this Report is to be used exclusively by The Carson Companies. It is a report upon which The Carson Companies, can rely.

3.0 PROPERTY DESCRIPTION

3.1 SITE RECONNAISSANCE

The Site reconnaissance was conducted by Tetra Tech representative Ms. Tanya MacLean on February 27, 2020. Ms. MacLean was accompanied during the Site reconnaissance by Mr. Steve Hallmark (Plant Supervisor for the sand and gravel plant operated at the Site by Vulcan Materials Company) and Mr. Andy Meeder (Plant Foreman for the asphalt plant operated at the Site by Vulcan Materials Company). The weather during the Site reconnaissance was characterized as clear with a temperature of approximately 65 to 75 degrees Fahrenheit (ºF).

In addition to the Site reconnaissance, resources such as geologic maps, United States Geological Survey (USGS) topographic maps, aerial photographs, and regulatory agency records were reviewed if reasonably ascertainable.

3.2 GENERAL SITE CONDITIONS

The Site is located north and northwest of the intersection of West Highland Avenue and Pepper Avenue in San Bernardino County, California. The Site is located within an unincorporated area of San Bernardino County. The Site occupies approximately 101 acres of land. According to information on file at the San Bernardino County Assessor's office, the Site is designated by Assessor Parcel Number (APN) 0264-431-15-0000. The Site location is shown on Figure 1 – Site Location Map.

None of the following features were observed at the Site during the Site reconnaissance: clarifiers, lifts/hoists, trench drains, wastewater treatment systems, pits, pools of liquid or discolored water, pavement patches indicative of removed subsurface features or subsurface investigation/remediation, evidence of filling, evidence of dumping/burning trash or other materials, and wells (dry wells, water supply wells, monitoring wells, extraction wells, injection wells, or vapor wells). No strong, pungent or noxious odors were noted at the Site during the Site reconnaissance.

3.3 SITE IMPROVEMENTS

The Site has three facilities operating within the Site boundaries – a sand and gravel plant, a concrete plant, and an asphalt plant. The sand and gravel plant has an office building, a maintenance shop building, a lube bay, fueling area with USTs, ASTs, an equipment wash area, conveyor systems for materials movement, and various small storage or electrical containers. The concrete plant has an office building a storage building, a conveyor system, ASTs, and a concrete production area. The asphalt plant has an office building, a maintenance shop building, a materials laboratory building, asphalt mixing equipment, ATSs, USTs, and various small storage or electrical containers. The Site buildings were constructed by at least the 1940s to 1950s. The Site layout is shown on Figure 2 – Site Map.

3.3.1 Exterior Improvements

The remainder of the Site is occupied by materials stockpiles (for the sand and gravel plant) and by settling ponds that receive wastewater generated during material, concrete, and asphalt-related activities at the Site. No areas of staining considered to be significant were observed outside of the buildings. No areas of stressed vegetation were observed.

3.3.2 Building Description

The on-Site buildings are of metal construction with sheet metal roofing. Observed interior finishes in the office and maintenance shop buildings included carpet, vinyl flooring, ceiling panels, vinyl baseboard, wood paneling, and painted drywall. Exterior finishes for the Site buildings were sheet metal. The remaining buildings were not observed to have any interior finishes. The observed buildings, while weathered on the exterior, appeared to be in generally good condition.

3.3.3 Utilities

The following utilities are provided to the Site:

Water:	San Bernardino Valley Municipal Water District.
Sewer:	Septic systems
Natural Gas:	Southern California Gas Company.
Electricity:	Southern California Edison.

No information on other on-Site utilities, such as dry wells, other septic systems, cesspools, irrigation wells or drinking water wells, was found during this assessment.

3.4 CURRENT SITE USE

The Site has three facilities operating within the Site boundaries – a sand and gravel plant, a concrete plant, and an asphalt plant.

The sand and gravel plant has an office building, a maintenance shop building, a lube bay, an equipment wash area, and various small storage or electrical containers. The office building is used for offices and for sales of materials. A scale is located to the east of the office building. The maintenance shop building is used for welding activities and the parking of trucks. An exterior area covered with an overhang on the west side of the shop building was used for the storage of some hazardous materials and wastes. The lube bay was used for the storage of maintenance chemicals, including oils and lubricants. A fuel dispensing area with USTs was observed west of the lube bay. An equipment wash area is used to steam clean equipment. Water from washing equipment is passed through an aboveground oil-water separator and then pumped out and disposed off-Site. Oil and sludge from the aboveground oil-water separator periodically cleaned out and disposed of off-Site. The main activities of the sand and gravel plant include receiving source materials from an off-Site sand and gravel pit, and processing, storing, and selling those materials to customers (or transporting them to on-Site concrete and asphalt plants). Following receipt of the source materials they are transported by conveyor to a processing plant, where the materials pass through crushers, screens, and shakers in order to sort the materials by size. Water from the wet screening process is transferred to a series of settling ponds in the central portion of the Site (in which sediment settles out of the process water) and then is re-circulated for use in Site operations. Once sorted, the materials are transferred to trucks and then stockpiled by size in the west portion of the Site. The materials in the stockpiles are then either sold to customers or are used as source materials by the on-Site concrete plant and asphalt plant.

The concrete plant is operated by Holloway Concrete. The concrete plant has an office building, a storage building, temporary materials storage area, and concrete production area. Source materials from the sand and gravel plant are stored at the concrete plant, then transferred via a conveyer belt, mixed with fly ash and concrete additive to produce the concrete, which is then transferred to trucks for off-Site use. Water used in concrete mixing activities is transferred from the sand and gravel plant, and after use, the wastewater is transferred back to the sand and gravel plant and then to the on-Site settling ponds.

The asphalt plant is operated by Vulcan Materials Company. The asphalt plant has an office building, a maintenance shop building, a materials laboratory building, and various small storage or electrical containers. A scale is located to the east of the office building. The maintenance shop building is used for welding activities and the parking of trucks. The asphalt plant includes a drier, an elevator to move source materials, a separator to separate materials into different sizes, and a mixer. The asphalt is mixed and then transferred to trucks for off-Site use. Water used in asphalt mixing activities is transferred from the sand and gravel plant, and, after use, the wastewater is transferred back to the sand and gravel plant and then to the on-Site settling ponds. The materials laboratory building is used to analyze the composition of source materials provided by the sand and gravel plant. No areas of staining considered to be significant were observed. No areas of stressed vegetation were observed.

3.5 ENVIRONMENTAL SETTING

3.5.1 Topography

The location of the Site is shown on the 2012 USGS San Bernardino North, California, quadrangle topographic map. According to the topographic map, the Site is located approximately 1,300 to 1,400 feet above mean sea level. The topography in the near vicinity of the Site slopes very gently downward towards the southeast.

3.5.2 Subsurface Geologic Conditions

The Site is located within the Bunker Hill Subbasin of the Upper Santa Ana Valley Groundwater Basin (California Department of Water Resources [CADWR], 2018). The Bunker Hill groundwater subbasin is comprised of alluvial materials that underlie the San Bernardino Valley in southwestern San Bernardino County. Boundaries for the basin include surface drainage divides and the Crafton Hills on the south, the San Jacinto fault zone on the west, plutonic and metamorphic rocks of the San Gabriel Mountains to the northwest, and the Western San Bernardino groundwater adjudication boundary to the northeast and southeast. The main tributary streams in the subbasin are the Santa Ana River, Mill Creek, and Lytle Creek.

According to the United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS), Web Soil Survey, soils in the Site area are comprised of quarries and pits soils (very gravelly coarse sand, extremely gravelly sand), Psamments, Fluvents and frequently flooded soils (gravelly sand, stratified gravelly sand to gravelly loam), Soboba stony loamy sand (stony loamy sand, very stony loamy sand, very stony sand), Tujunga loamy sand (loamy sand), and the Tujunga gravelly loamy sand (gravelly loamy sand, gravelly sand).

3.5.3 Groundwater Depth and Flow Direction

According to a Case Closure Summary for a property (Arco #9697 – 2187 West Highland Avenue) located approximately 0.7 of one mile east-southeast of the Site, groundwater was encountered at depths ranging from approximately 128 to 320 feet below ground surface (bgs), and the groundwater flow direction at that property was reported to be towards the south-southeast (San Bernardino County Fire Department [SBCFD], 2004).

4.0 HISTORICAL RECORDS REVIEW

Information regarding past land uses was reviewed to evaluate whether historical practices or conditions may have negatively impacted the Site. This was accomplished via a review of ownership records, agency records, previous environmental investigation reports, historical city directories, and a review and analysis of aerial photographs and topographic maps.

4.1 PRIOR OWNERSHIP

According to information from the San Bernardino County Assessor's office contained in the environmental liens and other activity use limitations (AULs) search report from Texas Environmental Research, the Site parcel has been owned by Mary H. McCombs, et al., (at least March 17, 2008) and BBC Properties (March 17, 2008, to the present). No other information regarding ownership to 2008 was reasonably ascertainable.

4.2 PRIOR SITE AND SURROUNDING PROPERTIES USES

Historical information obtained from EDR (city directories, aerial photographs, and topographic maps were found for the Site; no Sanborn fire insurance maps [Sanborn maps] were found for the Site) is summarized in Table 4.2 below (copies are provided in Appendix C). Information from other historical sources is included in the summary at the end of this section and is discussed in more detail in other sections of this Report.

Table 4.2 – Prior Uses of Site and Surrounding Properties

Decade Starting	Site	Surrounding Properties	Sources
1890	Undeveloped or vacant land with Lytle Creek Wash crossing the Site.	Lytle Creek Wash to the northeast and northwest, and undeveloped or vacant land.	T (1896, 1898)
1900	No significant changes noted.	No significant changes noted.	T (1901)
1910	No sources found.	No sources found.	N/A
1920	No city directory listings for the Site.	No city directory listings for surrounding adjacent properties.	CD (1922, 1923, 1926)
1930	Undeveloped land covered with native vegetation with Lytle Creek Wash crossing the Site. No city directory listings for the Site.	NE: Undeveloped land covered with native vegetation and Lytle Creek Wash. S: Agricultural land (groves) and undeveloped land covered with native vegetation and Lytle Creek Wash. W: Agricultural land (groves) and undeveloped land covered with native vegetation and Lytle Creek Wash. No city directory listings for surrounding adjacent properties.	A (1930, 1938) CD (1930-1938) T (1936)
1940	The Lytle Creek Wash was no longer depicted as crossing the Site. The existing office building and maintenance shop	NE: A levee was depicted along the northeast border of the Site, apparently in order to divert the Lytle Creek Wash	A (1949) CD (1940-1949)

Table 4.2 – Prior Uses of Site and Surrounding Properties			
Decade Starting	**Site**	**Surrounding Properties**	**Sources**
	building for the sand and gravel plant were constructed by 1949. Some sand and gravel processing equipment was present in the same location as the existing sand and gravel processing equipment. A gravel pit was present in the central area of the Site. The remainder of the Site was undeveloped or vacant land covered with native vegetation with some washes. City directory listings for Triangle Rock & Gravel Co. (2400 West Highland Avenue) and Triangle Certified Concrete, Inc. (2400 West Highland Avenue).	away from the Site. A gravel pit and undeveloped land covered with native vegetation with some washes. S: No significant changes noted. W: No significant changes noted. No city directory listings for surrounding adjacent properties.	T (1941, 1942)
1950	No significant changes noted in 1953. By 1959, the concrete plant and the asphalt plant with their associated buildings appeared to be present. No city directory listings for the Site.	NE: The area of the gravel pit had expanded. S: No significant changes noted. W: No significant changes noted. No city directory listings for surrounding adjacent properties.	A (1953, 1959) CD (1950-1956) T (1954)
1960	By 1966, the gravel pit appeared to be no longer present at the Site. No city directory listings for the Site.	NE: By 1966, the gravel pit appeared to no longer be present. S: No significant changes noted. W: No significant changes noted. No city directory listings for surrounding adjacent properties.	A (1966, 1968) CD (1960-1965) T (1967)
1970	No significant changes noted. City directory listing for Conrock Co. (2400 West Highland Avenue).	NE: No significant changes noted. S: No significant changes noted. W: Vacant graded land and undeveloped land covered with native vegetation with some dirt roads. No city directory listings for surrounding adjacent properties.	A (1975) CD (1970, 1975) T (1973, 1975)
1980	No significant changes noted. No city directory listings for the Site.	NE: No significant changes noted in 1985. By 1989, the existing residential buildings were constructed. S: No significant changes noted. W: No significant changes noted. No city directory listings for surrounding adjacent properties.	A (1985, 1989) CD (1980, 1981, 1985) T (1980, 1988)

Table 4.2 – Prior Uses of Site and Surrounding Properties

Decade Starting	Site	Surrounding Properties	Sources
1990	By 1995, the western portion of the Site appeared to be in use for the storage of materials. City directory listing for Cal Mat Co. Concrete Aggregate Division (2400 West Highland Avenue).	NE: No significant changes noted. S: No significant changes noted. W: No significant changes noted. No city directory listings for surrounding adjacent properties.	A (1995) CD (1990-1996) T (1996)
2000	By 2006, settling ponds were depicted in the central portion of the Site. City directory listings for Cal Mat Co., Concrete Aggregate Division (2400 West Highland Avenue) and Vulcan Materials (2400 West Highland Avenue).	NE: No significant changes noted. S: By 2006, the construction of the Foothill Freeway (210 Freeway) had started. By 2009, the Foothill Freeway (210 Freeway) was constructed. W: No significant changes noted. City directory listings for residential tenants (2135 and 2184 North Oakdale Avenue).	A (2006, 2009) CD (2002, 2003, 2008)
2010	No significant changes noted. No city directory listings for the Site.	NE: No significant changes noted. S: No significant changes noted. W: No significant changes noted. No city directory listings for surrounding adjacent properties.	A (2012, 2016) CD (2010) T (2012)

NE = northeast, S = south, W = west.

Sources:
A = aerial photograph (year in parentheses), CD = city directory abstract (year in parentheses), T = topographic map (year in parentheses), and N/A = not applicable (no sources found). No Sanborn maps were found for the area of the Site.

According to the historical records reviewed (EDR, and agency records), the Site was occupied by undeveloped or vacant land with Lytle Creek Wash crossing the Site between at least 1896 and 1938. A levee was present along the northeast border of the Site by 1949 and the Site was no longer depicted as part of the Lytle Creek Wash. By 1949, the Site was occupied by a gravel pit, the processing area in the sand and gravel plant, and several of the existing buildings. By 1959, the concrete plant and asphalt plant and their associated buildings were depicted. By 1966, the gravel pit appeared to no longer be present. By 1995, the west portion of the Site appeared to be in use for the storage of materials. By 2006, settling ponds were present in the central portion of the Site.

In the early- to mid-1950s the Site was reported to be part of a land disposal site at which burning took place, as discussed below in Section 4.3. However, no evidence of the landfill disposal/burn site was observed or depicted at the Site on aerial photographs and topographic maps reviewed for this Phase I ESA.

4.3 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

Tetra Tech requested previous environmental investigation reports for the Site from Vulcan Materials Company. Several environmental reports were found for the Site at the SBCFD and are summarized below. No other previous environmental investigation/assessment reports regarding the Site were provided to Tetra Tech or found during the performance of this assessment.

Leighton and Associates, Inc. (L&A), 1987a, Revised Report of Soil Contamination Investigation Associated with the Removal of 6 Underground Storage Tanks at the CalMat Facility, 2400 Highland Avenue, San Bernardino, California: dated June 12, 1987

This report summarized removal activities for six USTs at the Site in 1987, including one 8,000-gallon and one 4,000-gallon new oil USTS, and one 1,000-gallon waste oil UST, one 7,500-gallon gasoline UST, one 1,000-gallon diesel UST, and one 1,000-gallon UST of unknown content. The USTs were removed, with plans to replace them with double-walled USTs. The USTs were removed in February 1987. The 4,000-gallon new oil UST and 1,000-gallon UST of unknown content were discovered during removal of the other four USTs.

Ten confirmation soil samples were collected from beneath or adjacent to the USTs. Four confirmation samples had elevated concentrations of total petroleum hydrocarbons (TPH), ranging from 950 milligrams per kilogram (mg/kg) to 19,800 mg/kg. Additional excavation activities were performed in the areas with elevated concentrations of TPH. The 1,000-gallon UST of unknown content was punctured when it was found, and released an unknown amount of an unknown substance. Two soil samples were collected after upon removal of this UST. Subsequent confirmation soil samples collected after the second excavation activity and removal of the 1,000-gallon UST of unknown content had low TPH concentrations.

Six soil samples were also collected from the soil stockpile. The soil stockpile had concentrations of TPH ranging from 19 to 980 mg/kg. L&A recommended the stockpiled material be treated and provided three alternatives: spread on-Site and aerate, chemical or biological treatment, or disposed of as hazardous waste.

The SBCFD subsequently approved the installation of new double-walled USTs in the UST excavation.

L&A, 1987b, Incorporation of the Soil Stockpile, from the Removal of Underground Diesel Storage Tanks, into the Batch Materials Process at the CalMat Company San Bernardino Plant, 2400 Highland Avenue, San Bernardino, California: dated October 2, 1987

This letter proposed that the soil stockpile from the UST excavation activities be treated as part of the asphalt production at the facility.

Conservtech, 1990, Underground Storage Tank Removal, Industrial Asphalt, 2350 W. Highland Avenue, San Bernardino, CA: dated May 29, 1990

The letter summarized removal activities for a 10,000-gallon diesel UST that was located east of the on-Site batch (asphalt) plant. This UST was reported to have been installed in 1954 and historically contained bunker oil and, subsequently, diesel. The bottom of the excavation was found to be covered with a black, viscous, tar-like material. Two confirmation soil samples from the excavation, beneath the UST invert, had TPH concentrations of 20,380 parts per million (ppm) and 14,157 ppm.

Mittelhauser Corporation (MC), 1991a, Site Assessment Report, Industrial Asphalt, San Bernardino Facility: dated January 1991

This facility was reported to have five asphalt oil USTs and one 10,000-gallon diesel UST. A previous diesel UST was reported to have been removed from this facility and replaced with another 10,000-gallon diesel UST (discussed in the Conservtech [1990] report above). During the 1991 site assessment, five borings were advanced to depths ranging from 25 to 40 feet bgs, including one south of the new diesel UST (B-1), one at the west end of the former diesel UST (B-2), one at the east end of the former diesel UST (B-3), one east of the former diesel UST (B-4), and one north of the UST cluster (B-5).

Sampled soil with elevated concentrations of TPH or total recoverable petroleum hydrocarbons (TRPH) were as follows:

- Boring B-2: TRPH concentrations of 650 ppm at 15 feet bgs and 4,812 ppm at 25 feet bgs. Concentrations in the 40-foot depth sample were non-detect for TPH and 55 ppm for TRPH.

- Boring B-3: TPH concentrations of 3,200 ppm at 5 feet bgs and 6,336 ppm at 20 feet bgs; TRPH concentrations of 19,640 ppm at 5 feet bgs and 34,600 ppm at 20 feet bgs. Concentrations in the 35-foot depth sample were non-detect for TPH and 18 ppm for TRPH.

MC concluded that an impacted area was present that was approximately 32 feet long by 10 feet wide by 35 feet deep in the area of borings B-2 and B-3.

MC, 1991b, Industrial Asphalt, Inc., Site Remediation Work Plan, San Bernardino, California: dated September 1991

The site remediation work plan summarized the remedial actions planned for the asphalt plant at the Site related to impacted soil found in the area of a former diesel UST (discussed above [MC, 1991a]). The work plan proposed removing approximately 415 cubic yards of impacted soil by excavation. Confirmation soil sampling would then be performed to evaluate if all impacted soil was removed. Excavated impacted soil would then be stockpiled and then treated by mixing the impacted soil into cold mix asphalt at a predetermined percentage of aggregate material.

MC, 1992, Site Remediation Report, Industrial Asphalt, San Bernardino, California: dated July 1992

The site remediation report summarized remedial actions performed for the asphalt plant at the Site related to impacted soil found in the area of a former diesel UST (discussed above [MC, 1991b]). Excavation of impacted soil was performed and continued until all visibly stained soils had been removed or until the excavation approached the limits to the dryer structure to the west, a water line to the north, and an asphalt oil UST south of the excavation.

A total of seven confirmation soil samples were collected from the excavation including two from the bottom of the excavation, two from the east sidewall of the excavation, two from the north sidewall of the excavation, and one from the west sidewall of the excavation. Soil samples were analyzed for TPH, TRPH, and benzene, toluene, ethylbenzene, and total xylenes (BTEX). One confirmation soil sample had concentrations of benzene, toluene, and xylene below the reported cleanup levels of 1 mg/kg, 50 mg/kg, and 50 mg/kg, respectively. The remaining confirmation soil samples had no detectable concentrations of analytes.

The excavated soil was stockpiled and a crusher was used to homogenize the soil for use in cold mix asphalt. Ten samples were collected from the stockpiled soil for TPH and BTEX analysis. The stockpile soil samples had concentrations of TPH ranging from 230 mg/kg to 2,800 mg/kg, and low concentrations of toluene (0.005 mg/kg to 0.02 mg/kg) and xylenes (0.005 mg/kg to 0.019 mg/kg). The stockpile soil samples had no detectable concentrations of other analytes.

MC concluded that impacted soil in the area of the former diesel UST had been removed, and noted that the soil from the stockpile was in the process of being incorporated into cold mix asphalt.

County of San Bernardino Environmental Management Group, 1993, Completion of Site Investigation and Remedial Action, Industrial Asphalt, Located at 2340 W. Highland Ave., San Bernardino Facility: dated February 16, 1993

The County of San Bernardino Environmental Management Group issued a completion of site investigation and remedial action letter (no further action required) dated February 16, 1993 for the former diesel UST at this facility.

5.0 REGULATORY REVIEW

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

Tetra Tech procured and reviewed a computer-generated database report from EDR. The EDR database report is provided in Appendix B. A review of databases and files from federal, state, and local environmental regulatory agencies was conducted to identify use, generation, storage, treatment or disposal of hazardous materials and chemicals, or release incidents of such materials which may impact the Site. The databases discussed in the following section address ASTM requirements. Additional federal and state databases were reviewed. Please refer to the EDR report for a detailed listing.

Included in the EDR report is an orphan summary. This summary lists facilities that are contained on one of the above-referenced databases or lists, but for which complete or accurate geographic data was not available. Consequently, EDR was unable to map the facilities in relation to the Site. This list was reviewed during Site reconnaissance to evaluate whether the properties referenced are within ASTM search distances. Properties within ASTM distances were incorporated into Tetra Tech's review.

A summary of the EDR database information is provided in Table 5.1.

Table 5.1 – EDR Database Summary

Database	Radius	Target Property	Surrounding Facilities
Federal			
National Priorities List (NPL)	1 Mile	No	1
Proposed NPL	1 Mile	No	0
Delisted NPL	1 Mile	No	0
Superfund Enterprise Management System (SEMS [formerly CERCLIS])	½ Mile	No	0
SEMS-Archive	½ Mile	No	0
Resource Conservation and Recovery Act (RCRA) Corrective Action Treatment, Storage, and Disposal (TSD) Facilities (CORRACTS)	1 Mile	No	0
RCRA Non-Corrective Action (TSD) Facilities	½ Mile	No	0
RCRA Waste Generators	Site and surrounding	No	0
RCRA Non-Generator (NonGen)	Site and surrounding	No	0
US Brownfields	½ Mile	No	0
Abandoned Mines	½ Mile	No	0
Formerly Used Defense Sites (FUDS)	1 Mile	No	1
Record of Decision (ROD)	1 Mile	No	1
Institutional Control/Engineering Control (IC/EC)	Site	No	N/A
Emergency Response Notification System (ERNS)	Site	No	N/A
State and Tribal and EDR Proprietary			
CA Response	1 Mile	No	0
Envirostor	1 Mile	No	5
Solid Waste Facilities/Landfill Sites (SWF/LF)	½ Mile	No	0
Waste Management Unit Database System (WMUDS/SWAT)	½ Mile	No	0
Recycling Facilities (SWRCY)	½ Mile	No	0

Table 5.1 – EDR Database Summary			
Database	**Radius**	**Target Property**	**Surrounding Facilities**
Leaking Underground Storage Tank (LUST)	½ Mile	No	4
Cortese/Hist Cortese	½ Mile	No	0
Aboveground Storage Tank (AST)	Site and surrounding	No	0
Underground Storage Tank (UST) databases	Site and surrounding	No	0
Cleanup Program Sites - Spills, Leaks, Investigations, and Cleanups (CPS - SLIC)	½ Mile	No	2
Voluntary Cleanup Program (VCP)	½ Mile	No	0
Notify 65	1 Mile	No	0
Drycleaners	¼ Mile	No	0
Hazardous Waste and Corrective Action Facilities (HWP)	1 Mile	No	0
Air Emissions (EMI)	Site	No	N/A
Tribal databases	Various	No	0
HIST Cal Sites	1 Mile	No	1
CA Bond Exp. Plan	1 Mile	No	0
CA Brownfields	½ Mile	No	0
DTSC School Sites (CA Sch)	¼ Mile	No	0
CT Manifest	¼ Mile	No	0
Los Angeles County Industrial Waste and Underground Storage Tank Sites (Los Angeles Co HMS)	Site	No	-
MINES	¼ Mile	**Yes**	1
Hazardous Waste Tracking System (HWTS)	¼ Mile	**Yes**	16
Recorded Land Use Restrictions (DEED)	½ Mile	No	0
EDR Manufactured Gas Plants	1 Mile	No	0
EDR Historical Auto Stations	¼ Mile	No	0
EDR Historical Cleaners	¼ Mile	No	0
EDR Recovered Government Archive (RGA) Landfill	½ Mile	No	0
RGA LUST	½ Mile	No	0
N/A = not applicable			

5.1.1 Federal Regulatory Records

The Site was not reported by EDR to be listed in any of the federal regulatory agency databases listed in Table 5.1.

One off-Site facility located within ASTM search distances was reported by EDR to be listed in the following federal regulatory agency databases in Table 5.1: NPL, FUDS, and ROD. No adjacent facilities were listed. One property of interest was listed and is discussed below. Refer to the EDR database report in Appendix B for information regarding all of the listings. Based on information contained in the EDR database report, agency information reviewed by Tetra Tech, and regulatory agency status, there was no information indicating a REC or a potential environmental concern (PEC) to the Site from the off-Site listed facility.

Newmark Groundwater Contamination – Bunker Hill Groundwater Basin
This facility was listed in the NPL and ROD databases. The Newmark Groundwater Contamination area is an 8-square-mile area of groundwater contamination in San Bernardino, California. Groundwater is impacted with volatile organic compounds (VOCs) and chlorinated solvents tetrachloroethylene (PCE) and trichloroethylene (TCE). Investigations did not find point sources for the contamination. Following construction of three groundwater treatment plants, operation and maintenance activities and monitoring are

ongoing. According to a Third Five-Year Report (United States Environmental Protection Agency [USEPA], 2018), the boundary for this site is located at least 0.5 of one mile east-northeast and crossgradient of the Site. Based on the agency oversight and distance from the Site, this NPL listing is not considered to be of environmental concern to the Site.

5.1.2 State and Tribal and EDR Proprietary Regulatory Records

The Site was reported by EDR to be listed in the following of the state, tribal, and/or EDR proprietary databases listed in Table 5.1, and is discussed below: MINES and HWTS.

Several off-Site facilities located within ASTM search distances were reported by EDR to be listed in the following state regulatory agency databases in Table 5.1: Envirostor, WMUDS/SWAT, SWRCY, LUST, Cortese/Hist Cortese, CPS-SLIC, HIST Cal Sites, MINES, and HWTS. No adjacent properties were listed. Refer to the EDR database report in Appendix B for information regarding all of the listings. Based on information contained in the EDR database report, agency information reviewed by Tetra Tech, distance from the Site, presumed groundwater flow direction, and/or regulatory agency status, there was no information indicating a REC or a PEC to the Site from the off-Site listed facilities.

Site – San Bernardino – 2400 West Highland Avenue
This on-Site facility was listed in the MINES databases as a former open pit sand or gravel mine that was closed with no intent to resume. The mine was noted to be in the process of reclamation.

Site – Pacific Bay Equipment – 2400 West Highland Avenue
This on-Site facility was listed in the HWTS databases as a hazardous waste facility in 2005. This listing was reported to have been inactivated in 2006.

Cajon Creek/CalMat dba Vulcan Materials – 19455 South Cajon Avenue
This facility was marked as being within the boundaries of the Site. Based on the address provided and the Cajon Creek reference, however, this facility is the off-Site sand and gravel pit that provides materials to the Site. This facility was listed in the MINES databases as an active open pit sand or gravel mine.

5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

Addresses found to currently be associated with the Site include 2350 and 2400 West Highland Avenue. The address of 2340 West Highland Avenue was also found to be historically associated with the Site. Records for all of these addresses were requested from the agencies below.

<u>California Environmental Protection Agency, Department of Toxic Substances Control (Cal-EPA DTSC)</u>
Tetra Tech requested records maintained by the Cal-EPA DTSC. No records were found for the Site.

<u>California Geologic Energy Management Division (CalGEM)</u>
Tetra Tech reviewed the CalGEM Online Mapping System database. No oil or gas wells were found on the Site or within a 0.25-mile radius of the Site. The Site is not located within the limits of a producing or abandoned oil, gas, or geothermal field.

<u>National Pipeline Mapping System (NPMS)</u>
Tetra Tech reviewed publicly accessible information maintained by the NPMS on its website. No underground hazardous liquid or natural gas pipelines were found at or adjacent to the Site. No liquid accidents or gas incidents were reported for the Site or surrounding adjacent properties.

California Regional Water Quality Control Board – Santa Ana Region (SARWQCB)
Tetra Tech requested records maintained by the SARWQCB. No records were found for the Site.

Tetra Tech also reviewed the State Water Resources Control Board's (SWRCB's) GeoTracker website for Site and adjacent property listings.

Industrial Asphalt at 2340 West Highland Avenue was listed on the GeoTracker website as a LUST facility. This facility was reported to have had a release of diesel that impacted the soil. Based on the address for the listing, this is presumed to be a listing for the Site. The status for the case is completed – case closed. The SBCFD was listed as the lead agency for the case. Records related to this LUST case and related cleanup are summarized in Section 4.3. The former diesel LUST case is considered to be an HREC.

Vulcan Materials at 2400 West Highland Avenue was listed on the GeoTracker website as a UST facility. The SBCFD was listed as the lead agency for USTs at this facility. Tetra Tech requested records from the SARWQCB and the SBCFD. No records were found by the SARWQCB. Records related to this USTs at this facility are summarized under the SBCFD records in Section 5.2 below.

Calmat Co. San Bernardino Plant Aggregate Mining Operation (Cajon Wash and Lytle Creek) was listed on the GeoTracker website as a land disposal site. The location of this facility was depicted within the area of the Site. The SARWQCB was listed as the lead agency for this facility. The status of the land disposal site was reported to be closed as of February 2017. According to an Inactive Waste Disposal Site Summary Letter (Strata Technologies, Inc., 1990), this facility was active from the early 1950s and likely closed before 1955. Refuse at the land disposal site was reported to have been burned. Materials reported to have been disposed at the land disposal site included household refuse, bottles, cans, tree stumps, asphalt blocks, bricks, tiles, and concrete slabs. A subsurface study was performed in the area of the former land disposal site in 1992 (Toxic Technology, Inc. [TTI], 1992). TTI referred to the former disposal site as a landfill. Four borings were advanced to a depth of 25 feet below the depth of the material to a maximum depth of 70 feet below ground surface (bgs). Fill material was reported to a depth of 15 feet bgs, overlying native soil. Fill and soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), dioxins, metals, TRPH, organochlorine pesticides, and asbestos-containing materials. All the analytes were non-detectable or below action levels, except for TRPH. Toxic Technology, Inc. concluded that the landfill was not impacted with any materials that would be considered to be hazardous. Tetra Tech also requested records for this facility from the SARWQCB. No additional records were found. It is unknown whether the area of the TTI investigation was within the Site boundaries. The former land disposal/burn site reported to have been present at the Site is considered to be a component of the Site use REC.

South Coast Air Quality Management District (SCAQMD)
Tetra Tech reviewed publicly accessible records in the Facility INformation Detail (FIND) database maintained by the SCAQMD on its website. Records were found for the Site.

Records were found for CalMat Co. at 2400 West Highland Avenue. This facility was issued permits for storage tank aggregate in 1984, amine treating in 1990, aggregate production/crushing in 1992, 2001, 2002, 2005, 2006, and 2016, service station storage and dispensing gasoline in 1990, 2005, and 2014, and an ambient temperature baghouse in 2016. The most recent permits for aggregate production/crushing, service station storage and dispensing gasoline, and an ambient temperature baghouse had a status of "active". The remaining permits had a status of "inactive". One notice of violation was reported for this facility in 2011; it was related to operating an engine driving a front loader contrary to the specifications on the permit. The status for this violation is "in compliance". No notices to comply were reported for this facility.

Records were found for Cooley Equipment Corporation at 2400 West Highland Avenue. No issued permits, notices to comply, or notices of violation were reported for this facility.

San Bernardino County Fire Department (SBCFD)

Tetra Tech requested records maintained by the SBCFD. Records found for the Site are summarized below.

CalMat dba Vulcan Materials Company – 2400 West Highland Avenue

This facility was reported to have been present since at least 1984. This facility was issued permits by the SBCFD for USTs, hazardous waste generation, and hazardous materials handling from 1984 to 2014. In 1996, the business plan for Industrial Asphalt, the asphalt plant at the Site, and the main plant were combined.

This facility was also reported to have had a tiered permit issued by the DTSC for a conditionally exempt specified waste stream unit from 1993 to 1996. This permit was related to a recirculating steam washer.

USTs reported to be located at this facility include one 20,000-gallon diesel UST, one 12,000-gallon diesel UST, one 3,500-gallon motor oil UST, and one 4,500-gallon waste oil UST.

Hazardous materials reported to have been stored by this facility included gasoline (up to 1,000 gallons), a 600-gallon motor oil AST, a 500-gallon motor oil AST, a 330-gallon motor oil AST, a 275-gallon motor oil AST, motor oil (three 55-gallon drums), grease (four 55-gallon drums), coolant (one 55-gallon drum), hydraulic oil (two 55-gallon drums), and compressed gases. Hazardous wastes reported to have been generated by this facility included used oil and fuel filters (five 55-gallon drums).

Violations were reported in 2005, 2006, and 2008 related to failure to submit reports and failure to obtain a UST permit. A violation was reported in 2007 related to not updating/submitting an inventory. A violation was reported in 2011 related to improper labeling of waste containers. Violations were reported in 2013 related to not submitting a UST permit application on current forms and not submitting supporting documentation related to the USTs. A violation was reported in 2014 related to not updating the facility business plan. A violation was reported in 2015 related to not responding to secondary containment failures of USTs during testing. A violation was reported in 2017 related to not submitting sufficient UST information. A violation was reported in 2018 related to hazardous wastes being stored beyond the allowed accumulation time frame. A violation was reported in 2019 related to not performing designated operator monthly inspections and failure to submit reports for USTs.

CalMat dba Vulcan Materials Company – 2350 West Highland Avenue

This facility was included under the permit for the 2400 West Highland Avenue facility from at least 1996 to 2004, when the facility was required to obtain a separate permit.

One 10,000-gallon diesel UST was reported to have been removed from this facility in 1990. Investigations and cleanup related to this UST are summarized in Section 4.3. One 10,000-gallon diesel UST was installed at this facility after the removal of the former diesel UST. A notice of violation was issued in 2009 related to failing to certify the UST at this facility. A September 2009 letter from Vulcan Materials Company noted that the UST was empty and never been used. For this reason, the UST was determined to be non-regulated and not be subject to certification requirements.

This facility was issued permits by the SBCFD for hazardous waste generation and hazardous materials handling from 2003 to 2014. Hazardous materials reported to have been stored by this facility included grade paving asphalt (up to 216 tons), propane (up to 250 gallons), SS-1H emulsion (up to 8,000 gallons), asphalt anti-strip (up to 825 gallons), and compressed gas cylinders. By 2017, a 10,000-gallon cutback

oil AST was reported to have been present. One hazardous waste was reported to have been generated by this facility included aqueous parts washer solution waste (up to 15 gallons). By 2017, hazardous wastes were reported to no longer be handled at this facility. Violations were reported in 2011 and 2014 related to not updating/submitting an inventory. The most recent (2017) inspection had a violation related to failing to test or inspect each aboveground container for integrity based on industry standards.

City Concrete/Chaparral Concrete Co./Cal Portland Company – 2400 West Highland Avenue
This facility was reported to lease a portion of the Site from Vulcan Materials Company. In 1997, City Concrete changed its name to Chaparral Concrete Co. By 2009, Chaparral Concrete Co. changed its name to Cal Portland Company. This facility was issued permits by the SBCFD as a special generator and hazardous materials handler from 1992 to 2007.

Hazardous materials reported to have been stored by this facility included a 1,000-gallon diesel AST, cement (up to 325,000 pounds), fly ash (up to 150,000 pounds), ADVA flow (up to 500 gallons), calcium chloride (up to 1,500 gallons), Polarset (up to 1,200 gallons), WRDA 64 (up to 1,200 gallons), Recover (up to 500 gallons), Hydrotint liquid color (up to 2,500 gallons), motor/hydraulic oil (up to 110 gallons), gear lubricant (up to 80 gallons), antifreeze (up to 55 gallons), and compressed gas cylinders. Hazardous wastes reported to have been generated by this facility included waste oil (up to 110 gallons), waste antifreeze (up to 55 gallons), waste absorbent, used oil filters, and waste rags. This facility was also reported to have operated a maintenance shop.

This facility was issued a violation in 2007 for not updating or submitting a business plan and not keeping complete/accurate training records. This facility was issued a violation in 2014 for not updating or submitting annual California Environmental Reporting System (CERS) reports. By 2017, this facility was reported to be subleasing to Holliday Rock Co., Inc. and the permits for this facility were inactivated.

California Portland Cement/Catalina Pacific Concrete – 2400 West Highland Avenue
This facility was reported to have occupied the same area as City Concrete, but was operating as a separate business. California Portland Cement occupied this facility starting in at least 1989. By 1991, California Portland Cement changed its name to Catalina Pacific Concrete. This facility was issued permits by the SBCFD as a hazardous materials handler from 1991 to 1996.

Hazardous materials reported to have been stored by this facility included calcium chloride (up to 1,500 gallons), vinsol resin solution (up to 500 gallons), aqueous solution of liqnosulfonate (up to 1,500 gallons), phenolic biostat (up to 1,500 gallons), chlorinated phenolic biostat (up to 1,000 gallons), suconem red label (up to 110 gallons), potassium hydroxide (up to 110 gallons), and phosphoric acid (up to 110 gallons).

By 1996, this facility was reported to have been inactive and the facility changed hands to City Concrete.

Holiday Rock Co., Inc. – 2400 West Highland Avenue
This facility was reported to sublease a portion of the Site from Cal Portland Company, which is leasing this area from Vulcan Materials Company. This facility has leased this facility since February 2017.

Hazardous materials reported to have been stored by this facility included a 1,000-gallon diesel fuel AST, a 1,500-gallon AST of Polarset, a 1,500-gallon AST of WRDA 64, a 900-gallon AST of ADVA 195, a 900-gallon AST of Recover, a 1,500-gallon AST of calcium chloride, a 1,500-gallon AST of Eclipse Floor, a 275-gallon tote of Daravair 1000, a 275-gallon tote of Mira 85, a 60-ton silo of Portland cement, and a 40-ton silo of fly ash. This facility was reported to not routinely generate hazardous wastes. During the most recent (2017) inspection, no violations were reported.

San Bernardino County Building Department (SBCBD)
Tetra Tech requested copies of permits for the Site on file at the SBCBD. Permits found for the Site included a permit for a commercial storage building in 1987, a permit for an office/dispatch building in 1991, a permit for a commercial storage building in 1991, a permit to replace a truck wash structure in 1992, a permit for an electrical monitoring system in 1999, and a permit for an electrical upgrade to a building in 2001.

San Bernardino County Planning Department (SBCPD)
According to SBCPD information, the Site is in an area zoned "resource conservation" (RC).

6.0 ON-SITE ENVIRONMENTAL ASSESSMENT

6.1 STORAGE TANKS

6.1.1 Underground Storage Tanks (USTs)

The following USTs are reported to be present at the Site:

- One 20,000-gallon diesel UST, one 12,000-gallon diesel UST, one 3,500 oil UST, and one 4,500-gallon waste oil UST in the fuel dispensing area to the west of the lube bay at the sand and gravel plant. The 12,000-gallon diesel, 3,500-gallon oil, and 4,500-gallon waste oil USTs are part of a three way split UST.
- Two combined USTs containing PG-6410 asphalt oil and totaling 103.14 tons, one 51.20-ton UST containing PG-7010 asphalt oil, and one empty 10,000-gallon UST located to the east of the asphalt mixing area at the asphalt plant.

Historical USTs were also formerly located at the Site including six USTs at the sand and gravel plant in the same location as the current USTs (discussed previously).

No visual evidence (i.e., pipes, vents, and dispensers) indicating other existing or other historic on-Site USTs was observed at the Site. No information from Site history research and review of records and/or databases maintained by federal, state, county, and city agencies revealed the presence of other existing or historic USTs at the Site besides those described above.

6.1.2 Aboveground Storage Tanks (ASTs)

The following ASTs were observed at the Site:

- One 1,000-gallon gasoline AST located to the north of the lube bay at the sand and gravel plant.
- One 300-gallon AST containing drive train fluid, three 250-gallon ASTs containing automatic transmission fluid, hydraulic oil, and gear oil, respectively, and two 150-gallon ASTs containing gear lubricant and Vectron diesel engine oil, respectively, in the lube bay at the sand and gravel plant.
- One 325,000-pound cement AST, one 150,000-pounds fly ash AST, and five 1,000-gallon ASTs of concrete additives in the mixing area of the concrete plant.
- One 10,000-gallon AST containing SC-800 asphalt oil located to the east of the asphalt mixing area at the asphalt plant.
- One 8,500-gallon container of Guardtop asphalt emulsion located to the west of the asphalt mixing area at the asphalt plant.
- One 250-gallon propane AST along the south border of the asphalt plant.
- Multiple water ASTs throughout the materials storage area in the west portion of the sand and gravel plant.

No visual evidence (i.e., concrete foundation or containment walls, pedestals, or steel support structures) indicating other existing or other historic on-Site ASTs was observed at the Site. No information from Site history research and review of records and/or databases maintained by federal, state, county, and city agencies revealed the presence of historic or other existing ASTs at the Site.

ASTs at the Site are a component of the historical and current Site use REC.

6.2 ASBESTOS-CONTAINING MATERIALS (ACMs)

Based on the years of construction of the Site buildings (by at least the 1940s to 1950s), it is possible that ACMs are present in the Site buildings. Observed or inferred suspect ACMs at the Site include: vinyl flooring and associated mastic and/or backing, carpet mastic, drywall and associated joint compound, window caulk, roofing materials, and concrete slabs/joint compound in expansion joints. The Site buildings areas observed appeared to be in generally good condition. Untested suspect ACMs are considered to be a business environmental risk (BER).

6.3 LEAD-BASED PAINT (LBP) AND OTHER LEAD-CONTAINING MATERIALS (LCMs)

Based on the years of construction of the Site buildings (by at least the 1940s to 1950s), it is possible that LBP and other LCMs (such as ceramic tiles) are present in the Site buildings. The painted surfaces observed appeared to be in generally good condition, with no significant areas of damaged paint noted. Untested suspect LBP and other LCMs are considered to be a BER.

6.4 HAZARDOUS MATERIALS USAGE

In addition to the ASTs' and USTs' contents noted above, the following hazardous materials were observed during the Site reconnaissance:

- A 500-pound liquid nitrogen tank, three flammable-rated cabinets containing approximately 50 gallons of flammable materials, including mineral spirits, oil, lubricant, grease, and spray paint/cleaner, and welding gases in the shop in the sand and gravel plant.
- One 275-gallon tote of diesel exhaust fluid, one 55-gallon drum of pyroplex grease, and one flammable-rated cabinet containing approximately 20 gallons of flammable materials, including brake parts cleaner and WD-40, in the lube bay at the sand and gravel plant.
- One 55-gallon drum of pyroplex grease and approximately 200 gallons of maintenance chemicals (grease/transmission fluid) in the hazardous materials/waste storage area located to the west of the maintenance shop building at the sand and gravel plant.
- Three 55-gallon drums of clear sealant in the equipment wash area at the sand and gravel plant.
- Two flammable-rated cabinets containing approximately 15 gallons of flammable materials, including spray paint/cleaner/oil/lubricant and propane, and welding gases in the shop at the asphalt plant.
- One 275-gallon tote of asphalt additive located to the south of the mixing area of the asphalt plant.
- One 275-gallon tote of foaming agent for dust control along the north border of the asphalt plant.
- Two 275-gallon totes of asphalt release agent along the south border of the asphalt plant.
- Fifty-two 5-gallon containers of asphalt emulsion located to the south of the office building at the asphalt plant.

The hazardous materials were observed to be stored with secondary containment and with spill kits present.

Information on historical hazardous materials usage was discussed in Section 5.2.

Hazardous materials usage at the Site is considered to be a component of the Site use REC.

6.5 SOLID WASTE MANAGEMENT

Solid wastes generated at the Site are collected in dumpsters at the Site. Tetra Tech observed no evidence of inappropriate solid waste disposal during this assessment. No staining or evidence of hazardous substance disposal was observed inside or around the solid waste dumpsters.

6.6 HAZARDOUS WASTE MANAGEMENT

In addition to the large waste oil UST noted above, the following hazardous wastes were observed during the Site reconnaissance:

- One 30-gallon aqueous parts washer in the maintenance shop building at the sand and gravel plant.
- Four 55-gallon drums of oily debris, four 55-gallon drums of waste filters, two 55-gallon drums of waste aerosol containers, two 55-gallon drums of waste antifreeze, and four 55-gallon drums of waste oil in a covered hazardous materials/waste oil storage area located to the west of the maintenance shop building at the sand and gravel plant.

The hazardous wastes were observed to be stored with secondary containment and with spill kits present.

Information on historical hazardous waste generation was discussed in Section 5.2.

Hazardous waste storage and generation at the Site is considered to be a component of the Site use REC.

6.7 POLYCHLORINATED BIPHENYLS (PCBs)

Fluorescent lighting was observed throughout the Site buildings. Fluorescent light ballasts manufactured prior to 1979 may contain small quantities of PCBs. Due to access limitations, the light ballasts were not examined for labels indicating their PCB content. No evidence of damage to or leakage from the light ballasts was observed during the Site inspection. Based on the years of construction of the Site buildings (by at least the 1940s to 1950s), it is possible that fluorescent light ballasts at the Site contain PCBs. The presence of potentially PCB-containing fluorescent lighting (ballasts) is considered to be a *de minimis* condition.

Window caulking and concrete slabs, particularly joint compound in expansion joints, can also contain PCBs. The potential for window caulk and joint compound within concrete slabs to be PCB-containing is considered to be a BER.

No other potentially PCB-containing equipment was observed at the Site.

6.8 MERCURY

Fluorescent lighting (bulbs/tubes) was observed at the Site. Fluorescent bulbs/tubes contain mercury. Evidence of damage or leakage was not observed. The presence of fluorescent lighting (bulbs/tubes) is considered to be a *de minimis* condition.

6.9 WATER AND WASTEWATER/STORM WATER

6.9.1 Water Supply

Potable water is provided to the Site by San Bernardino Valley Municipal Water District. Site reconnaissance and review of local records did not reveal the presence of on-Site water supply or irrigation wells. According to the EDR database report, no public water supply wells were reported to be located within a 0.25-mile radius of the Site.

6.9.2 Wastewater

Wastewater from the sand and gravel plant is transferred to a series of settling ponds in the central portion of the Site; the settling ponds act to remove sediment. The wastewater is then re-circulated for use in Site operations. Wastewater from concrete mixing activities at the concrete plant and asphalt mixing activities at the asphalt plant is obtained from the sand and gravel plant settling ponds and. after its use, is transferred back to the sand and gravel plant and then to the on-Site settling ponds.

Domestic wastewater is reported to be discharged to septic systems at the Site. Septic systems at the Site are considered to be a component of the Site use REC.

6.9.3 Storm Water

Storm water is expected to percolate into the unpaved areas at the Site, flow to two storm water retention ponds (one south of the sand and gravel plant and one east of the asphalt plant), and flow onto surrounding properties and streets located topographically downslope from the Site.

The Site has an active industrial stormwater permit. A Stormwater Pollution Preventions Plan (SWPPP) dated June 2015 and updated May 2017 was found for the Site (Brown and Caldwell, 2015).

6.10 RADON

The Site is located within a Zone 2 radon area, indicating that the average indoor radon level is greater than 2.0 picoCuries (pCi/L) of air but less than 4.0 pCi/L of air. The USEPA action level for radon is 4.0 pCi/L. According to state residential radon survey information contained in the EDR database report, four tests were conducted within San Bernardino County in the same zip code as the Site. All of the four tests had radon concentrations below the USEPA action level for radon. According to federal residential radon survey information contained in the EDR database report, eighteen tests were conducted within San Bernardino County. All of the tests had radon concentrations below the USEPA action level for radon.

6.11 AIR EMISSIONS

According to the SCAQMD, CalMat Co. at 2400 West Highland Avenue (Site) has active permits for aggregate production/crushing, service station storage and dispensing of gasoline, and an ambient temperature baghouse. One notice of violation related to operating an engine driving a front loader contrary to the specifications on the permit was reported for this facility in 2011. The status for this violation is “in compliance”. No notices to comply were reported for this facility.

There were no other observed Site operations involving emissions that appeared to require permitting, emission controls, or abatement activities. This should, however, not be considered a regulatory compliance audit.

6.12 DRYCLEANING OPERATIONS

There were no observed on-Site operations involving drycleaning operations that appeared to require permitting, emission controls, or abatement activities.

6.13 MICROBIAL GROWTH AND MOISTURE INTRUSION

No evidence of potential microbial growth and/or moisture intrusion was observed at the Site during the Site reconnaissance.

6.15 ENVIRONMENTAL NON-COMPLIANCE ISSUES

No environmental non-compliance issues associated with current Site use were noted at the Site. This should not be considered a regulatory compliance audit.

6.16 VAPOR INTRUSION

No information regarding a potential vapor encroachment condition (VEC) that would be considered indicative of vapor intrusion at the Site by volatile compounds has been found during this assessment.

6.17 SITE-SPECIFIC ENVIRONMENTAL ISSUES

The following Site-specific environmental issues were found during the performance of this assessment:

- No RECs have been found in connection with the Site except for the historical and current use of the Site, including:
    - The presence of hazardous substances at the Site in various sized containers including ASTs, USTs, 275-gallon totes, and 55-gallon drums.
    - Septic systems.
    - Settled sediment in on-Site settling ponds.
    - A former land disposal/burn site reported to have been present at the Site.
- No HRECs have been found in connection with the Site except for the following:
    - The former diesel LUST case for the Site.
- The following BERs have been found in connection with the Site:
    - Untested suspect ACMs.
    - Untested suspect LBP and other LCMs.
    - The potential for joint compound within concrete slabs and window caulking to be PCB-containing.
- The presence of possible PCB-containing fluorescent light ballasts and mercury-containing fluorescent light bulbs/tubes is considered to be a *de minimis* condition.
- No off-Site facilities are considered to be RECs or PECs to the Site at this time.

7.0 REVIEW OF NEARBY/ADJACENT PROPERTIES

The vicinity of the Site can generally be described as a mixed mining, vacant, and residential area in San Bernardino County, California. Adjoining properties observed during the Site vicinity reconnaissance are described below.

Northeast: Undeveloped land, beyond which is the Lytle Creek Wash.

South: Undeveloped land, West Highland Avenue, undeveloped land, and the Foothill Freeway (210 Freeway).

West: Undeveloped land with dirt roads and single-family residences (2187 North Sycamore and 2184, 2172, and 2135 North Oakdale Avenue).

The inspection of the abutting properties from curbside and a review of federal, state, and local regulatory agency databases/records did not reveal the presence of off-Site sources that are considered to be RECs or PECs to the Site at this time.

8.0 USER PROVIDED INFORMATION

8.1 LAND TITLE AND JUDICIAL RECORDS FOR ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS (AULs)

No information regarding environmental liens or other AULs was provided to Tetra Tech by The Carson Companies.

Tetra Tech requested a search for environmental liens and AULs for the Site parcel from Texas Environmental Research in accordance with the scope of work for this assessment. No environmental liens or AULs were found for the Site parcel (documentation is provided in Appendix D).

8.2 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

No commonly known or reasonably ascertainable information was provided to Tetra Tech by The Carson Companies, except for the Site location and address.

8.3 SPECIALIZED KNOWLEDGE OR EXPERIENCE

No specialized knowledge or experience regarding the Site was provided to Tetra Tech by The Carson Companies.

8.4 ACTUAL KNOWLEDGE

The Carson Companies provided Tetra Tech with no other actual knowledge with respect to the Site other than noted above.

8.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The Carson Companies provided Tetra Tech with no information indicating there was a valuation reduction for environmental issues associated with the Site.

8.6 REASONS FOR PHASE I ESA PERFORMANCE

It is Tetra Tech's understanding that this Phase I ESA is being requested in conjunction with due diligence activities by The Carson Companies.

9.0 INTERVIEWS

9.1 INTERVIEW WITH SITE OWNER

A Phase I ESA questionnaire was provided to The Carson Companies to complete. A completed questionnaire has not been received as of the time of issuance of this Report.

9.2 INTERVIEW WITH SITE MANAGER

Mr. Steve Hallmark (Plant Supervisor for the sand and gravel plant operated at the Site by Vulcan Materials Company) and Mr. Andy Meeder (Plant Foreman for the asphalt plant operated at the Site by Vulcan Materials Company) were interviewed during the Site inspection. Information from these interviews is included in applicable sections of this Report.

9.3 INTERVIEW WITH OCCUPANTS

Mr. Steve Hallmark (Plant Supervisor for the sand and gravel plant operated at the Site by Vulcan Materials Company) and Mr. Andy Meeder (Plant Foreman for the asphalt plant operated at the Site by Vulcan Materials Company) were interviewed during the Site inspection. Information from these interviews is included in applicable sections of this Report.

9.4 INTERVIEW WITH PAST OWNERS, OPERATORS, AND OCCUPANTS

Past owners, operators, and occupants could not be contacted by Tetra Tech; therefore, these interviews were not conducted. This is not considered to be a data gap, as past uses of the Site were obtained from other sources and were previously discussed.

9.5 INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

Tetra Tech interviewed local government officials, if deemed pertinent, at agencies where records for the Site were available and reviewed by Tetra Tech. Additional information from interviewed government officials, if any, was included in the discussion in previous sections of this Report.

9.6 INTERVIEWS WITH OTHERS

No other interviews were conducted with individuals other than those cited above in this Section 9.0.

10.0 CONCLUSIONS AND RECOMMENDATIONS

10.1 CONCLUSIONS

In the professional opinion of Tetra Tech, an appropriate level of inquiry has been made into the previous ownership and uses of the Site consistent with good commercial and customary practice with the intent to minimize environmental liability. Based on the information cited in this assessment, and Tetra Tech's understanding of current regulatory guidelines and judgment, the following findings, opinions, and conclusions have been drawn (in addition to the conclusion in Section 11.0):

- No RECs have been found in connection with the Site except for the historical and current use of the Site, including:
    - The presence of hazardous substances at the Site in various sized containers including ASTs, USTs, 275-gallon totes, and 55-gallon drums.
    - Septic systems.
    - Settled sediment in on-Site settling ponds.
    - A former land disposal/burn site reported to have been present at the Site.
- No HRECs haves been found in connection with the Site except for the following:
    - The former diesel LUST case for the Site.
- No PECs have been found in connection with the Site.
- The following BERs have been found in connection with the Site:
    - Untested suspect ACMs.
    - Untested suspect LBP and other LCMs.
    - The potential for joint compound within concrete slabs and window caulking to be PCB-containing.
- The presence of possible PCB-containing fluorescent light ballasts and mercury-containing fluorescent light bulbs/tubes is considered to be a *de minimis* condition.
- No off-Site facilities are considered to be RECs or PECs to the Site at this time.

10.2 RECOMMENDATIONS

Based on the information gathered during the performance of this assessment, current regulatory guidelines, and the judgment of Tetra Tech, the following recommendations are presented for consideration:

- A subsurface investigation should be performed to evaluate RECs at the Site. This may include, but not be limited to, soil, soil gas, and/or groundwater sampling and analysis.
- Prior to any demolition, remodeling, and/or renovation activities at the Site, untested suspect ACMs and LBP and other LCMs that may be disturbed should be sampled and analyzed in accordance with applicable regulations. Abatement of known and suspect ACMs and LBP and other LCMs should be

performed prior to any demolition, remodeling, and/or renovation activities (that would disturb the ACMs and LBP and other LCMs) in accordance with applicable regulations. In the event that renovation or demolition activities do not take place, known and suspect ACMs and LBP and other LCMs at the Site should be managed in accordance with applicable regulations, including the preparation and implementation of an Asbestos Operation and Maintenance (O&M) Plan and a Lead O&M Plan.

- Any concrete or window caulking removed from the Site should be removed in accordance with applicable regulations, including those for ACMs and PCBs.

- During removal or replacement of fluorescent light fixtures and ballasts and fluorescent light bulbs/tubes, the fixtures, ballasts, and bulbs/tubes should be disposed of in accordance with applicable regulations.

- Any soil removed from the Site should be sampled and analyzed for chemicals of potential concern.

11.0 CONCLUSION

In the professional opinion of Tetra Tech, an appropriate level of inquiry has been made into the previous ownership and uses of the Site consistent with good commercial and customary practice with the intent to minimize environmental liability. Based on the information cited in this assessment and Tetra Tech's understanding of current regulatory guidelines and judgment, the following conclusion has been drawn:

- Tetra Tech has performed a Phase I ESA in general conformance with the scope of work cited in 40 CFR §312, et al., and ASTM Standard Practice E1527-13 of the property referenced as Vulcan Materials Company at 2350 and 2400 West Highland Avenue in San Bernardino County, California (the Site). This assessment revealed the following REC in connection with the Site:
    - The historical and current use of the Site is considered to be a REC including:
        - The presence of hazardous substances at the Site in various sized containers including ASTs, USTs, 275-gallon totes, and 55-gallon drums.
        - Septic systems.
        - Settled sediment in on-Site settling ponds.
        - A former diesel LUST case.
        - A former land disposal/burn site reported to have been present at the Site.

12.0 DEVIATIONS

There have been no significant deviations from the scope and limitations set forth in the ASTM Standard Practice E1527-13 of which Tetra Tech is aware that would affect the conclusion of this Phase I ESA.

During the conduct of this assessment, there were no data gaps or data failure considered to be significant. Information provided by others to Tetra Tech is assumed to be accurate and complete. When provided, Tetra Tech has made reasonable inquiry into the accuracy of such information. Unless such inquiry indicated otherwise, the information was considered to be accurate and complete. As discussed previously in Section 2.2, there are limitations to this assumption.

13.0 REFERENCES

Documents:

American Society of Testing and Materials (ASTM), "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM Standard Practice E1527-13: dated November 1, 2013.

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Toxic Technology, Inc., 1992, Subsurface Study, Sand and Gravel Quarry and Inactive Landfill, 20500 Highland Avenue, San Bernardino, California: dated December 22, 1992.

United States Environmental Protection Agency (USEPA), 2018, Third Five-Year Report, Newmark Groundwater Contamination Superfund Site, San Bernardino, California: dated September 26, 2018.

Maps:

EDR, 2020c, EDR Historical Topo Map Report with QuadMatch™, 2400 West Highland Avenue, San Bernardino County, California, Inquiry Number 5980133.4: dated February 21, 2020. Topographic maps dated 1896, 1898, 1901, 1936, 1941, 1942, 1954, 1967, 1973, 1975, 1980, 1988, 1996, and 2012.

EDR, 2020d, Certified Sanborn® Map Report, 2400 West Highland Avenue, San Bernardino County, California, Inquiry Number 5980133.3: dated February 21, 2020. No Sanborn maps were found.

United States Geological Survey (USGS), San Bernardino North, California, Quadrangle – 7.5-Minute Topographic Map: dated 2012.

Agencies/Persons Contacted/Records Reviewed:

California Environmental Protection Agency, Department of Toxic Substances Control (Cal-EPA DTSC).

California Geologic Energy Management Division (CalGEM).

California Regional Water Quality Control Board – Santa Ana Region (SARWQCB).

Hallmark, Mr. Steve (Plant Supervisor for the sand and gravel plant operated at the Site by Vulcan Materials Company).

Meeder, Mr. Andy (Plant Foreman for the asphalt plant operated at the Site by Vulcan Materials Company).

San Bernardino County Assessor.

San Bernardino County Building Department (SBCBD).

San Bernardino County Fire Department (SBCFD).

San Bernardino County Planning Department (SBCPD).

National Pipeline Mapping System (NPMS).

South Coast Air Quality Management District (SCAQMD).

State Water Resources Control Board's (SWRCB's) GeoTracker website.

United States Department of Agriculture (USDA), National Resources Conservation Services (NRCS).

United States Fish and Wildlife Service (USFWS).

Aerial Photographs:

EDR, 2020e, The EDR Aerial Photo Decade Package, 2400 West Highland Avenue, San Bernardino County, California, Inquiry Number 5980133.9: dated February 21, 2020. Aerial photographs dated 1930, 1938, 1949, 1953, 1959, 1966, 1968, 1975, 1985, 1989, 1995, 2006, 2009, 2012, and 2016.

14.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Ms. Tanya MacLean performed the Site reconnaissance. Ms. MacLean compiled Report data and wrote the Phase I ESA Report. Mr. Steven Grod and Mr. Greg Acosta provided technical review. The signatures of Ms. MacLean, Mr. Grod, and Mr. Acosta are included in this section of the Report.

TANYA MACLEAN
Due Diligence Scientist

STEVEN GROD
Project Manager



GREG ACOSTA
Vice President, Environmental Services

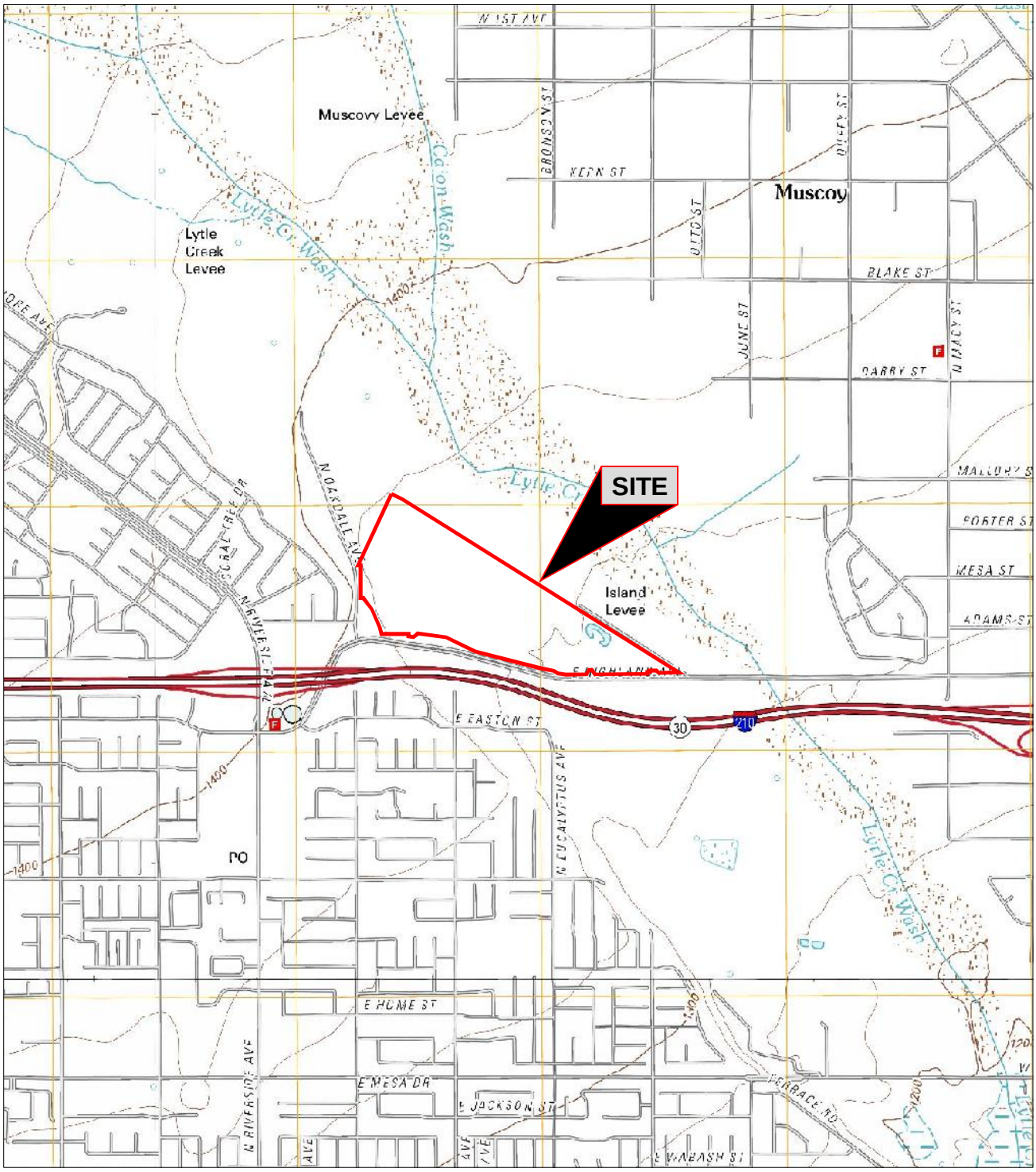
We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR §312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. We have developed and performed the AAI in conformance with the standards and practices set forth in 40 CFR § 312.

15.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

The qualifications of Ms. MacLean, Mr. Grod, and Mr. Acosta are summarized in the resumes that are included in Appendix F.

FIGURES

Figure 1 – Site Location Map
Figure 2 – Site Map



SOURCE:

UNITED STATES GEOLOGICAL SURVEY (USGS),
7.5-MINUTE SERIES TOPOGRAPHIC MAPS,
SAN BERNARDINO NORTH AND SAN BERNARDINO SOUTH (2012)

0 2,000 4,000

SCALE (FEET)

N

VULCAN MATERIALS COMPANY
2350 AND 2400 WEST HIGHLAND AVENUE
SAN BERNARDINO COUNTY, CALIFORNIA 92407

TETRA TECH

MARCH 2020

TETRA TECH PROJ. NO. 197-2020-033

SITE LOCATION MAP

FIGURE 1



N

REPORTED SHALLOW ZONE GROUNDWATER FLOW DIRECTION

SITE AREAS

1. MATERIALS STORAGE AREA
2. SETTLING PONDS
3. SAND AND GRAVEL PLANT
4. STORMWATER RETENTION BASIN
5. CONCRETE PLANT
6. ASPHALT PLANT

LEGEND

SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. BASE MAP AND SITE BOUNDARIES DERIVED FROM SAN BERNARDINO COUNTY ASSESSOR'S MAP, AND 2018 AERIAL PHOTOGRAPHY (SOURCE: SAN BERNARDINO COUNTY)
3. SITE FEATURES OBTAINED DURING A SITE RECONNAISSANCE BY PERSONNEL FROM TETRA TECH.

0 400 800

SCALE (FEET)

VULCAN MATERIALS COMPANY
2350 AND 2400 WEST HIGHLAND AVENUE
SAN BERNARDINO COUNTY, CALIFORNIA 92407

TETRA TECH

MARCH 2020

TETRA TECH PROJ. NO. 197-2020-033

SITE MAP

FIGURE 2



REPORTED SHALLOW ZONE GROUNDWATER FLOW DIRECTION

N

SITE FEATURES / BUILDINGS

1. CONVEYER AREAS
2. FUELING AREA WITH USTs
3. GASOLINE AST
4. LUBE BAY
5. HAZARDOUS WASTE/MATERIALS STORAGE AREA
6. MAINTENANCE SHOP BUILDING
7. EQUIPMENT WASH AREA
8. OFFICE BUILDING
9. SCALE
10. MATERIALS PROCESSING AREA
11. WASTEWATER RETURN AREAS
12. CONCRETE MIXING AREA
13. CONCRETE ADDITIVE ASTs
14. FLY ASH ASTs
15. OFFICE BUILDING
16. STORAGE BUILDING
17. MATERIALS LABORATORY BUILDING
18. ASPHALT EMISSION AST
19. ASPHALT MIXING AREA
20. ASPHALT OIL USTs
21. MAINTENANCE SHOP BUILDING
22. OFFICE BUILDNG
23. PROPANE AST

LEGEND

	SITE BOUNDARY
AST	ABOVEGROUND STORAGE TANK
UST	UNDERGROUND STORAGE TANK

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. BASE MAP AND SITE BOUNDARIES DERIVED FROM SAN BERNARDINO COUNTY ASSESSOR'S MAP, AND 2018 AERIAL PHOTOGRAPHY (SOURCE: SAN BERNARDINO COUNTY)
3. SITE FEATURES OBTAINED DURING A SITE RECONNAISSANCE BY PERSONNEL FROM TETRA TECH.

0 150 300

SCALE (FEET)

VULCAN MATERIALS COMPANY
2350 AND 2400 WEST HIGHLAND AVENUE
SAN BERNARDINO COUNTY, CALIFORNIA 92407

TETRA TECH

MARCH 2020

TETRA TECH PROJ. NO. 197-2020-033

SITE MAP
EAST PORTION OF SITE

FIGURE 3

APPENDIX A
PHOTOGRAPHIC DOCUMENTATION



Photograph No. 1: Northeast view of the office building at the sand and gravel plant.



Photograph No. 2: North view of the scale adjacent to the office building at the sand and gravel plant.



Photograph No. 3: Northwest view of the parking area adjacent to the office building at the sand and gravel plant.



Photograph No. 4: Northwest view of the maintenance shop building at the sand and gravel plant.



Photograph No. 5: North view of the interior of the maintenance shop building at the sand and gravel plant.



Photograph No. 6: South view of the storage of hazardous materials in one of three flammable-rated cabinets in the maintenance shop building at the sand and gravel plant.



Photograph No. 7: North view of an aqueous parts washer in the maintenance shop building at the sand and gravel plant.



Photograph No. 8: South view of the storage of welding gases in the maintenance shop building at the sand and gravel plant.



Photograph No. 9: East view of a covered hazardous materials/waste oil storage area to t west of the maintenance shop building at the sand and gravel plant.



Photograph No. 10: East view of hazardous wastes storage in a covered hazardous materials/waste oil storage area to the west of the maintenance shop building at the sand and gravel plant.



Photograph No. 11: East view of hazardous materials storage in a covered hazardous materials/waste oil storage area to the west of the maintenance shop building at the sand and gravel plant.



Photograph No. 12: North view of the lube bay at the sand and gravel plant.



Photograph No. 13: North view of the interior of the lube bay at the sand and gravel plant.



Photograph No. 14: Northeast view of an aboveground storage tank (AST) containing drive train fluid in the lube bay at the sand and gravel plant.



Photograph No. 15: Northeast view of ASTs containing various maintenance chemicals in the lube bay at the sand and gravel plant.



Photograph No. 16: Southwest view of a fuel dispensing area to the west of the lube bay at the sand and gravel plant.



Photograph No. 17: South view of the location of four USTs in a fuel dispensing area to the west of the lube bay at the sand and gravel plant.



Photograph No. 18: Northwest view of a 1,000-gallon gasoline AST located adjacent to the north of the lube bay at the sand and gravel plant.



Photograph No. 19: West view of the equipment wash area at the sand and gravel plant.



Photograph No. 20: Northwest view of the abovegrade oil-water separator in the equipment wash area at the sand and gravel plant.



Photograph No. 21: Northwest view of the storage of clear sealant in the equipment wash area at the sand and gravel plant.



Photograph No. 22: Northeast view of the processing plant at the sand and gravel plant.



Photograph No. 23: Northeast view of the processing plant at the sand and gravel plant.



Photograph No. 24: Northeast view of the processing plant at the sand and gravel plant.



Photograph No. 25: West view of the conveyer system at the processing plant at the sand and gravel plant.



Photograph No. 26: Southeast view of the water return area, where wastewater from the processing area is collected prior to discharge to the on-Site settling ponds.



Photograph No. 27: Northeast view of the materials storage area in the west portion of the Site.



Photograph No. 28: Northeast view of the materials storage area in the west portion of the Site.



Photograph No. 29: West view of the first (southwestern) of three settling ponds in the central portion of the Site. Sediment settles out of the wastewater from Site operations as it passes through the three ponds; the water is then re-circulated for use at the Site.



Photograph No. 30: West view of the third (northeastern) of three settling ponds in the central portion of the Site.



Photograph No. 31: South view of the concrete plant at the Site.



Photograph No. 32: South view of the concrete plant at the Site.



Photograph No. 33: Southwest view of five ASTs containing concrete additives in the concrete plant at the Site.



Photograph No. 34: East view of the ASTs containing concrete and fly ash in the concrete plant at the Site.



Photograph No. 35: Northeast view of the office building and storage building at the concrete plant.



Photograph No. 36: West view of the interior of the storage building at the concrete plant.



Photograph No. 37: Southeast view of the water return area, where wastewater from the concrete plant is collected prior to discharge to the sand and gravel plant and then to the on-Site settling ponds.



Photograph No. 38: East view of the asphalt plant at the Site.



Photograph No. 39: North view of the office building and the scale at the asphalt plant.



Photograph No. 40: Northwest view of the maintenance shop building at the asphalt plant.



Photograph No. 41: East view of the interior of the maintenance shop building at the asphalt plant.



Photograph No. 42: South view of the storage of hazardous materials in one of two flammable-rated cabinets in the maintenance shop building at the asphalt plant.



Photograph No. 43: North view of the storage of foaming agent in an area along the north border of the asphalt plant.



Photograph No. 44: West view of the asphalt mixing area at the asphalt plant.



Photograph No. 45: North view of the asphalt mixing area at the asphalt plant.



Photograph No. 46: Northwest view of the area of four underground storage tanks (USTs), three containing asphalt oil and one empty UST, located to the east of the asphalt mixing area at the asphalt plant.



Photograph No. 47: South view of the area of four USTs, three containing asphalt oil and one empty UST, located to the east of the asphalt mixing area at the asphalt plant.



Photograph No. 48: Southwest view of a 10,000-gallon SC-800 asphalt oil AST located to the east of the asphalt mixing area at the asphalt plant.



Photograph No. 49: Northeast view of an 8,500-gallon AST of Guardtop asphalt emulsion located to the east of the asphalt mixing area at the asphalt plant.



Photograph No. 50: West view of the storage of asphalt additive located to the south of the asphalt mixing area at the asphalt plant.



Photograph No. 51: South view of a 250-gallon propane AST along the south border of the asphalt plant.



Photograph No. 52: Northeast view of two 275-gallon totes of asphalt release agent along the south border of the Site.



Photograph No. 53: Southwest view of the materials laboratory building at the asphalt plant.



Photograph No. 54: West view of the interior of the materials laboratory building at the asphalt plant.



Photograph No. 55: West view of the water return area, where wastewater from the asphalt plant is collected prior to discharge to the sand and gravel plant and then to the on-Site settling ponds.



Photograph No. 56: North view of Lytle Creek Wash, located adjacent to and east of the Site.



Photograph No. 57: East view of undeveloped land, located adjacent to and south of the Site.



Photograph No. 58: Southeast view of West Highland Avenue, undeveloped land, and the Foothill Freeway (210 Freeway), located adjacent to and south of the Site.



Photograph No. 59: Northwest view of undeveloped land with dirt roads, located adjacent to and west of the Site.



Photograph No. 60: North view of single-family residences (2187 North Sycamore and 2184, 2172, and 2135 North Oakdale Avenue), located adjacent to and west of the Site.

APPENDIX B
EDR REGULATORY DATABASE REPORT

2400 West Highland Avenue
2400 West Highland Avenue
San Bernardino Cnty, CA 92407

Inquiry Number: 5980133.2s
February 21, 2020

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
Map Findings Summary	4
Map Findings	9
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2400 WEST HIGHLAND AVENUE
SAN BERNARDINO CNTY, CA 92407

COORDINATES

Latitude (North):	34.1389120 - 34° 8' 20.08''
Longitude (West):	117.3607240 - 117° 21' 38.60''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	466741.4
UTM Y (Meters):	3777422.2
Elevation:	1322 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630643 SAN BERNARDINO NORTH, CA
Version Date:	2012
Southeast Map:	5620416 SAN BERNARDINO SOUTH, CA
Version Date:	2012
Southwest Map:	5619058 FONTANA, CA
Version Date:	2012
Northwest Map:	5630611 DEVORE, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140603
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
2400 WEST HIGHLAND AVENUE
SAN BERNARDINO CNTY, CA 92377

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	SAN BERNARDINO	2400 WEST HIGHLAND A	MINES		TP
A2	PACIFIC BAY EQUIPMEN	2400 W HIGHLAND AVE	HWTS		TP
Reg	NEWMARK GROUND WATER	BUNKER HILL GROUND W	NPL, SEMS, US ENG CONTROLS, US INST CONTROL, ROD,..	Same	4454, 0.844, ENE
3	CAJON CREEK	19455 SOUTH CAJON BO	MINES	Lower	1 ft.
4	CALTRANS DIST 8/ROW	615 W HIGHLAND AVE	HAZNET, HWTS	Higher	129, 0.024, SSE
5	RIALTO AMM STORAGE P	7 MILES NW OF SAN BE	ENVIROSTOR, HIST Cal-Sites	Higher	220, 0.042, WNW
B6	INTOWN PROPERTIES IN	287 E ARBETH ST	HWTS	Higher	330, 0.062, WSW
B7	INTOWN PROPERTIES	275 ARBETH ST E	HWTS	Higher	405, 0.077, WSW
8	FIRE STATIONS	3348 E HIGHLAND	CA FID UST	Higher	435, 0.082, SSW
C9	HUD	2157 N MAGNOLIA AVE	HWTS	Higher	539, 0.102, West
C10		2182 N MAGNOLIA AVE	RCRA NonGen / NLR	Higher	674, 0.128, West
C11	LARRY A DUBIN	2182 N MAGNOLIA AVE	HWTS	Higher	674, 0.128, West
C12	F AND E TRUCKING	2157 N DATE AVE	RCRA NonGen / NLR	Higher	776, 0.147, West
C13	F AND E TRUCKING	2157 N DATE AVE	HWTS	Higher	776, 0.147, West
D14	OSCAR SMITH	1974 N OAKDALE AVE	HAZNET, HWTS	Higher	777, 0.147, SW
D15	HUD	1968 SAGE AVE	HAZNET, HWTS	Higher	861, 0.163, SW
E16	HOUSING AND URBAN DE	185 CONDOR DR	HAZNET, HWTS	Higher	870, 0.165, West
D17	CAROLYN M JEFFERSON	1968 N OAKDALE AVE	HWTS	Higher	878, 0.166, SW
D18	CAROYLN JEFFERSON	1968 N OAKDALE AVE	HAZNET, HWTS	Higher	878, 0.166, SW
D19	CAROLYN M JEFFERSON	1968 N OAKDALE AVE	RCRA NonGen / NLR	Higher	878, 0.166, SW
E20	HUD C/O GOLDEN FEATH	173 CONDOR DR	HWTS	Higher	940, 0.178, West
21	FRESH & EASY NEIGHBO	2015 N RIVERSIDE AVE	HAZNET, HWTS	Higher	1118, 0.212, WSW
F22	WEST COLTON RAIL TER	1910 S SYCAMORE AVE	HAZNET, HWTS	Higher	1133, 0.215, SW
F23	WEST COLTON RAIL TER	1910 S SYCAMORE AVE	RCRA NonGen / NLR	Higher	1133, 0.215, SW
F24	TERRY BACON	313 E EASTON ST	HWTS	Higher	1233, 0.234, SW
25	KENNETH E AND MARY R	335 E EASTON ST	HWTS	Higher	1247, 0.236, SW
G26	NORTON AFB ILS OUTER		FUDS	Higher	1439, 0.273, SSW
G27	NORTON AFB ILS OMA		ENVIROSTOR	Higher	1440, 0.273, SSW
H28	POMA AUTOMATED FUELI	2095 S RIVERSIDE AVE	LUST, San Bern. Co. Permit, CERS	Higher	1493, 0.283, WSW
H29	POMA AUTOMATED FUELI	2095 RIVERSIDE AVE	LUST	Higher	1493, 0.283, WSW
I30	UNOCAL TANK FARM - C	2301 RIVERSIDE AVENU	CPS-SLIC, CERS	Higher	2067, 0.391, West
J31	RIVERSIDE SERVICE	1877 N RIVERSIDE AVE	LUST, CHMIRS, San Bern. Co. Permit, CERS	Higher	2145, 0.406, WSW
J32	ARCO - RIVERSIDE SER	1877 RIVERSIDE AVE	LUST	Higher	2145, 0.406, WSW
I33	COLTON TERMINAL/SANT	2359 S RIVERSIDE	ENVIROSTOR, SWEEPS UST, EMI, CERS	Higher	2201, 0.417, West
I34	COLTON TERMINAL	2359 RIVERSIDE AVE	CPS-SLIC, HIST UST, CHMIRS, ENF, CERS	Higher	2201, 0.417, West
35	LARRY ZELKE RESIDENC	6061 RIVERSIDE AVENU	ENVIROSTOR	Higher	4079, 0.773, WNW
36	ORDNANCE B/U ST DEPO		ENVIROSTOR	Higher	5197, 0.984, West

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
SAN BERNARDINO 2400 WEST HIGHLAND A , CA	MINES	N/A
PACIFIC BAY EQUIPMEN 2400 W HIGHLAND AVE SAN BERNARDINO, CA 92407	HWTS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-LQG ---- RCRA - Large Quantity Generators
RCRA-SQG ---- RCRA - Small Quantity Generators
RCRA-VSQG ---- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---- Land Use Control Information System
US ENG CONTROLS ---- Engineering Controls Sites List
US INST CONTROL ---- Sites with Institutional Controls

Federal ERNS list

ERNS ---- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
UST ---- Active UST Facilities
AST ---- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing
VCP ---- Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS ---- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---- Waste Management Unit Database

SWRCY Recycler Database
HAULERS Registered Waste Tire Haulers Listing
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
ODI Open Dump Inventory
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
SCH School Property Evaluation Program
CDL Clandestine Drug Labs
Toxic Pits Toxic Pits Cleanup Act Sites
CERS HAZ WASTE CERS HAZ WASTE
US CDL National Clandestine Laboratory Register
PFAS PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

SWEEPS UST SWEEPS UST Listing
HIST UST Hazardous Substance Storage Container Database
CERS TANKS California Environmental Reporting System (CERS) Tanks

Local Land Records

LIENS Environmental Liens Listing
LIENS 2 CERCLA Lien Information
DEED Deed Restriction Listing

Records of Emergency Release Reports

HMIRS Hazardous Materials Information Reporting System
CHMIRS California Hazardous Material Incident Report System
LDS Land Disposal Sites Listing
MCS Military Cleanup Sites Listing
SPILLS 90 SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOD Department of Defense Sites
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR Financial Assurance Information
EPA WATCH LIST EPA WATCH LIST
2020 COR ACTION 2020 Corrective Action Program List
TSCA Toxic Substances Control Act
TRIS Toxic Chemical Release Inventory System
SSTS Section 7 Tracking Systems
RMP Risk Management Plans
RAATS RCRA Administrative Action Tracking System
PRP Potentially Responsible Parties
PADS PCB Activity Database System
ICIS Integrated Compliance Information System
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS Material Licensing Tracking System

EXECUTIVE SUMMARY

COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HIST CORTESE	Hazardous Waste & Substance Site List
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
San Bern. Co. Permit	Hazardous Material Permits
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
CIWQS	California Integrated Water Quality System
CERS	CERS
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)
MINES MRDS	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

EDR Hist Auto---------- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner---------- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 01/30/2020 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEWMARK GROUND WATER Cerclis ID:: 902439 EPA Id: CAD981434517	***BUNKER HILL GROUND W***	***ENE 1/2 - 1 (0.844 mi.)***	***0***	***10***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where

environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/28/2019 has revealed that there are 5 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIALTO AMM STORAGE P	***7 MILES NW OF SAN BE***	***WNW 0 - 1/8 (0.042 mi.)***	***5***	***31***
Facility Id: 36970014				
Status: Inactive - Action Required				
NORTON AFB ILS OMA		SSW 1/4 - 1/2 (0.273 mi.)	G27	97
Facility Id: 80000113				
Status: Inactive - Needs Evaluation				
COLTON TERMINAL/SANT	***2359 S RIVERSIDE***	***W 1/4 - 1/2 (0.417 mi.)***	***I33***	***109***
Facility Id: 71002535				
Status: Inactive - Needs Evaluation				
LARRY ZELKE RESIDENC	6061 RIVERSIDE AVENU	WNW 1/2 - 1 (0.773 mi.)	35	116
Facility Id: 36350022				
Status: Refer: Other Agency				
ORDNANCE B/U ST DEPO		W 1/2 - 1 (0.984 mi.)	36	117
Facility Id: 80000876				
Status: Inactive - Needs Evaluation				

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POMA AUTOMATED FUELI	***2095 S RIVERSIDE AVE***	***WSW 1/4 - 1/2 (0.283 mi.)***	***H28***	***98***
Database: LUST, Date of Government Version: 12/09/2019				
Global Id: T0607100462				
Status: Completed - Case Closed				
POMA AUTOMATED FUELI	2095 RIVERSIDE AVE	WSW 1/4 - 1/2 (0.283 mi.)	H29	101
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Facility Status: Case Closed				
Global ID: T0607100462				
RIVERSIDE SERVICE	***1877 N RIVERSIDE AVE***	***WSW 1/4 - 1/2 (0.406 mi.)***	***J31***	***104***
Database: LUST, Date of Government Version: 12/09/2019				
Global Id: T0607100178				
Status: Completed - Case Closed				
ARCO - RIVERSIDE SER	1877 RIVERSIDE AVE	WSW 1/4 - 1/2 (0.406 mi.)	J32	108
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Facility Status: Case Closed				
Global ID: T0607100178				

EXECUTIVE SUMMARY

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 2 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL TANK FARM - C	***2301 RIVERSIDE AVENU***	***W 1/4 - 1/2 (0.391 mi.)***	***I30***	***102***
Database: CPS-SLIC, Date of Government Version: 12/09/2019 Facility Status: Open - Assessment & Interim Remedial Action Global Id: SLT8R2634093				
COLTON TERMINAL	***2359 RIVERSIDE AVE***	***W 1/4 - 1/2 (0.417 mi.)***	***I34***	***111***
Database: CPS-SLIC, Date of Government Version: 12/09/2019 Facility Status: Open - Remediation Global Id: SL208023857				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIALTO AMM STORAGE P	***7 MILES NW OF SAN BE***	***WNW 0 - 1/8 (0.042 mi.)***	***5***	***31***

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FIRE STATIONS Facility Id: 36008858 Status: A	3348 E HIGHLAND	SSW 0 - 1/8 (0.082 mi.)	8	34

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/16/2019 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported EPA ID:: CAC003011790	2182 N MAGNOLIA AVE	W 1/8 - 1/4 (0.128 mi.)	C10	35
F AND E TRUCKING EPA ID:: CAR000193847	2157 N DATE AVE	W 1/8 - 1/4 (0.147 mi.)	C12	37
CAROLYN M JEFFERSON EPA ID:: CAC003000165	1968 N OAKDALE AVE	SW 1/8 - 1/4 (0.166 mi.)	D19	50
WEST COLTON RAIL TER EPA ID:: CAL000345499	1910 S SYCAMORE AVE	SW 1/8 - 1/4 (0.215 mi.)	F23	94

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 11/12/2019 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTON AFB ILS OUTER		SSW 1/4 - 1/2 (0.273 mi.)	G26	96

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 01/30/2020 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEWMARK GROUND WATER EPA ID:: CAD981434517	***BUNKER HILL GROUND W***	***ENE 1/2 - 1 (0.844 mi.)***	***0***	***10***

MINES: A listing of mine site locations from the Office of Mine Reclamation.

A review of the MINES list, as provided by EDR, and dated 09/09/2019 has revealed that there is 1 MINES site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CAJON CREEK	19455 SOUTH CAJON BO	0 - 1/8 (0.000 mi.)	3	29

EXECUTIVE SUMMARY

HWTS: -> Description here.

A review of the HWTS list, as provided by EDR, and dated 10/15/2019 has revealed that there are 16 HWTS sites within approximately 0.25 miles of the target property.

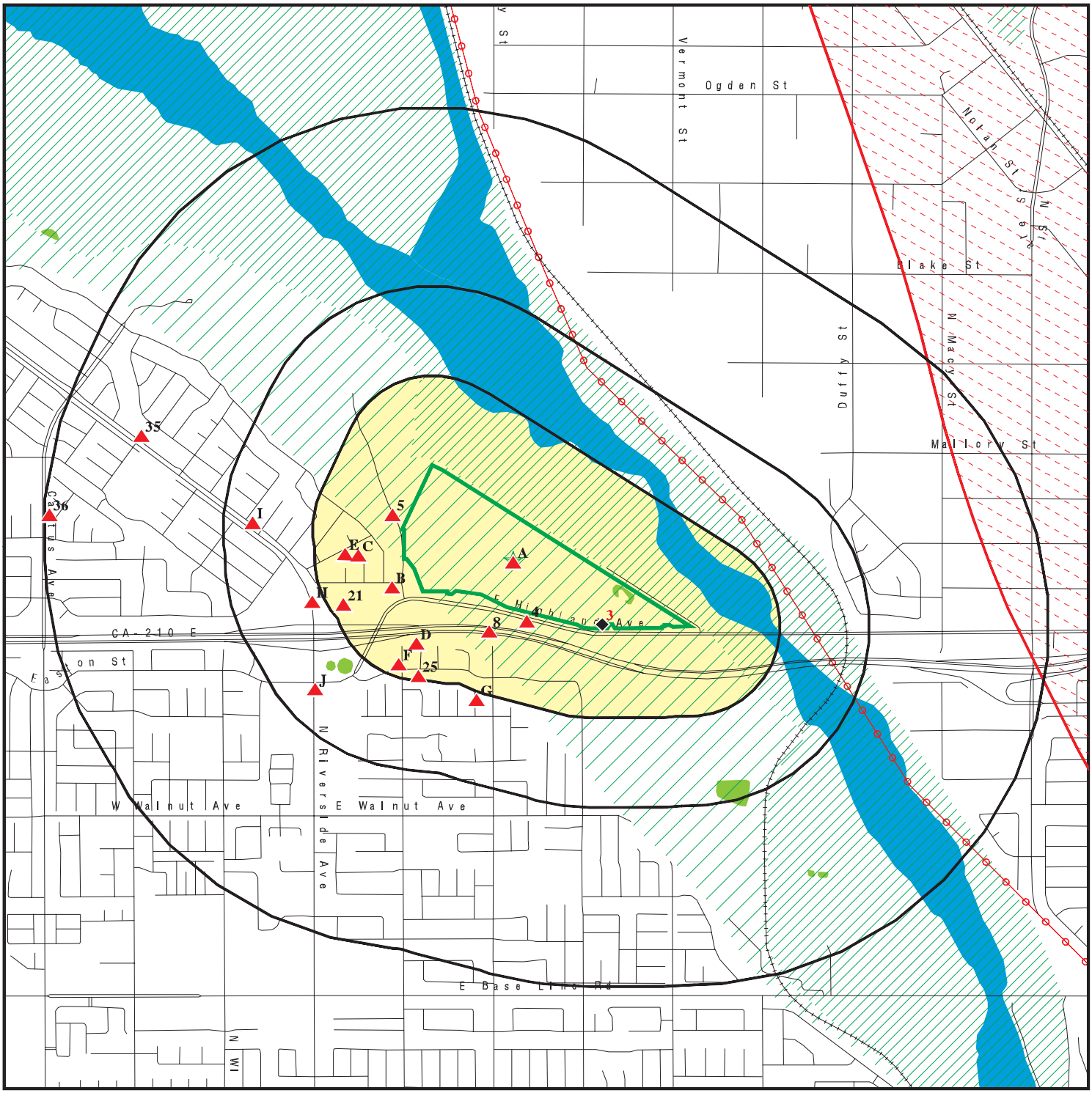
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALTRANS DIST 8/ROW	***615 W HIGHLAND AVE***	***SSE 0 - 1/8 (0.024 mi.)***	***4***	***29***
INTOWN PROPERTIES IN	287 E ARBETH ST	WSW 0 - 1/8 (0.062 mi.)	B6	33
INTOWN PROPERTIES	275 ARBETH ST E	WSW 0 - 1/8 (0.077 mi.)	B7	34
HUD	2157 N MAGNOLIA AVE	W 0 - 1/8 (0.102 mi.)	C9	35
LARRY A DUBIN	2182 N MAGNOLIA AVE	W 1/8 - 1/4 (0.128 mi.)	C11	36
F AND E TRUCKING	2157 N DATE AVE	W 1/8 - 1/4 (0.147 mi.)	C13	38
OSCAR SMITH	***1974 N OAKDALE AVE***	***SW 1/8 - 1/4 (0.147 mi.)***	***D14***	***39***
HUD	***1968 SAGE AVE***	***SW 1/8 - 1/4 (0.163 mi.)***	***D15***	***40***
HOUSING AND URBAN DE	***185 CONDOR DR***	***W 1/8 - 1/4 (0.165 mi.)***	***E16***	***46***
CAROLYN M JEFFERSON	1968 N OAKDALE AVE	SW 1/8 - 1/4 (0.166 mi.)	D17	48
CAROYLN JEFFERSON	***1968 N OAKDALE AVE***	***SW 1/8 - 1/4 (0.166 mi.)***	***D18***	***49***
HUD C/O GOLDEN FEATH	173 CONDOR DR	W 1/8 - 1/4 (0.178 mi.)	E20	51
FRESH & EASY NEIGHBO	***2015 N RIVERSIDE AVE***	***WSW 1/8 - 1/4 (0.212 mi.)***	***21***	***52***
WEST COLTON RAIL TER	***1910 S SYCAMORE AVE***	***SW 1/8 - 1/4 (0.215 mi.)***	***F22***	***58***
TERRY BACON	313 E EASTON ST	SW 1/8 - 1/4 (0.234 mi.)	F24	95
KENNETH E AND MARY R	335 E EASTON ST	SW 1/8 - 1/4 (0.236 mi.)	25	96

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
	CDL

OVERVIEW MAP - 5980133.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 2400 West Highland Avenue	CLIENT: Tetra Tech Inc.
ADDRESS: 2400 West Highland Avenue San Bernardino Cnty CA 92407	CONTACT: Tanya Maclean
LAT/LONG: 34.138912 / 117.360724	INQUIRY #: 5980133.2s DATE: February 21, 2020 11:39 am

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DETAIL MAP - 5980133.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 2400 West Highland Avenue	CLIENT: Tetra Tech Inc.
ADDRESS: 2400 West Highland Avenue San Bernardino Cnty CA 92407	CONTACT: Tanya Maclean
LAT/LONG: 34.138912 / 117.360724	INQUIRY #: 5980133.2s DATE: February 21, 2020 11:40 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		1	0	2	2	NR	5
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	4	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	2	NR	NR	2
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		1	0	0	0	NR	1
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		1	0	NR	NR	NR	1
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	4	NR	NR	NR	4
FUDS	1.000		0	0	1	0	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	1	NR	1
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250	1	1	0	NR	NR	NR	2
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
San Bern. Co. Permit	0.250		0	0	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	0.250	1	4	12	NR	NR	NR	17
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		2	8	16	9	4	0	39

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **SAN BERNARDINO** **MINES** **S117662536**
Target Property **2400 WEST HIGHLAND AVENUE , CA** **N/A**

Site 1 of 2 in cluster A

Actual: 1322 ft.

MINES:

Name:	SAN BERNARDINO
Address:	2400 WEST HIGHLAND AVENUE
City,State,Zip:	CA
Latitude:	34.138056
Longitude:	-117.357222
Lead Agency identification code:	36
Lead Agency name:	County of San Bernardino
Year of the operator supplied annual report:	2017
Type of report submitted by operator:	2
Number of acres disturbed by the mine:	105.7
Status of mining operation:	CLOSED NO INTENT TO RESUME
Status of mine reclamation:	RECLAMATION IN PROGRESS
Mine operator:	CALMAT DBA VULCAN MATERIALS COM.
Operator Address:	2400 W. HIGHLAND AVENUE
Operator City, State, Zip:	SAN BERNARDINO, CA 92405
Operator County:	Not reported
Mine owner:	CALMAT COMPANY
Owner Address:	1600 FOOTHILL BLVD
Owner City, State, Zip:	IRWINDALE, CA 91706
Owner County:	Not reported
Reclamation plan identification number:	90M-011
Primary product produced by the mine:	SAND AND GRAVEL
Other products produced by the mine:	Not reported
Type of mining utilized by mine:	OPEN PIT,PLANT OR MILL
Conditional use permit identification number:	BLANK
Number of acres permitted for mining disturbance:	1006
Total amount of funds posted by the mine for reclamation:	1972846
Financial Assurance Cost Estimate for reclamation:	1527341

A2 **PACIFIC BAY EQUIPMENT** **HWTS** **S124585817**
Target Property **2400 W HIGHLAND AVE SAN BERNARDINO, CA 92407** **N/A**

Site 2 of 2 in cluster A

Actual: 1322 ft.

HWTS:

Name:	PACIFIC BAY EQUIPMENT
Address:	2400 W HIGHLAND AVE
Address 2:	Not reported
City,State,Zip:	SAN BERNARDINO, CA 924076408
EPA ID:	CAC002596112
Inactive Date:	04/02/2006
Create Date:	10/03/2005
Last Act Date:	10/03/2005
Mailing Name:	Not reported
Mailing Address:	3819 BAZLEY WAY
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MATHER, CA 95655
Owner Name:	MICHAEL BARRETT
Owner Address:	3819 BAZLEY WAY
Owner Address 2:	Not reported
Owner City,State,Zip:	MATHER, CA 95655
Contact Name:	ARLENE ULIBARRI

PACIFIC BAY EQUIPMENT (Continued) **S124585817**

Contact Address: 3819 BAZLEY WAY
Contact Address 2: Not reported
City,State,Zip: MATHER, CA 95655

NPL Region ENE 1/2-1 4454 ft.

NEWMARK GROUND WATER CONTAMINATION
BUNKER HILL GROUND WATER BASIN
SAN BERNARDINO, CA 92408

Database(s): **NPL, SEMS, US ENG CONTROLS, US INST CONTROL, ROD, PRP**

EDR ID Number: **1000296132**
EPA ID Number: **CAD981434517**

NPL:
Name: NEWMARK GROUND WATER CONTAMINATION
Address: BUNKER HILL GROUND WATER BASIN
City,State,Zip: SAN BERNARDINO, CA 92408
EPA ID: CAD981434517
EPA Region: 9
Federal: N
Final Date: 1989-03-31 00:00:00
Site ID: 902439
Latitude: 34.171810999999998
Site Score: 35.57
Longitude: -117.31310000000001

NPL:
EPA ID: CAD981434517
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-<= 10 Feet
Category Value: 1

EPA ID: CAD981434517
NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

NPL:
EPA ID: CAD981434517
Site ID: 0902439
Site Status: F
Federal Site: N
EPA Region: 09
Date Proposed: 06/24/88
Date Deleted: Not reported
Date Finalized: 03/31/89

NPL:
EPA ID: CAD981434517
NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

EPA ID: CAD981434517
NPL Status: Currently on the Final NPL
Substance ID: U227

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

Substance: TRICHLOROETHANE, 1,1,2-
CAS #: 79-00-5
Pathway: GROUND WATER PATHWAY
Scoring: 3

EPA ID: CAD981434517
NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

EPA ID: CAD981434517
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

EPA ID: CAD981434517
NPL Status: Currently on the Final NPL
Substance ID: U079
Substance: TRANS-DICHLOROETHYLENE, 1,2-
CAS #: 156-60-5
Pathway: NO PATHWAY INDICATED
Scoring: 1

EPA ID: CAD981434517
NPL Status: Currently on the Final NPL
Substance ID: U080
Substance: METHYLENE CHLORIDE
CAS #: 75-09-2
Pathway: NO PATHWAY INDICATED
Scoring: 1

EPA ID: CAD981434517
NPL Status: Currently on the Final NPL
Substance ID: U121
Substance: TRICHLOROFLUOROMETHANE
CAS #: 75-69-4
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL:
EPA ID: CAD981434517
Summary: Conditions at proposal June 24, 1988): The four municipal supply wells of Newmark Well Field are in an area of approximately 700 square feet bounded by 48th Street, Magnolia Drive, Reservoir Drive, and the San Bernardino County Flood Control

EPA ID: CAD981434517
Summary: Channel in the Muscoy area north of San Bernardino, San Bernardino County, California. The San Bernardino Municipal Water Department was forced to close the four wells in the early 1980s when they were found to be contaminated with high levels

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

EPA ID: CAD981434517
Summary: of halogenated organic chemicals, including tetrachloroethylene, also known as perchloroethylene PCE), and trichloroethylene TCE). An August 1986 report by a consultant to the California Regional Water Quality Control Board identified p

EPA ID: CAD981434517
Summary: ossible contaminant sources. A midnight dumping operation from the late 1950s to early 1960s appears to be the most likely source of contamination. It is approximately 300 feet upgradient of the Newmark wells. The California Department of Hea

EPA ID: CAD981434517
Summary: lth Services is installing air stripping towers to remove contaminants from ground water. The towers are scheduled to be in operation in mid-1988. An additional 10 municipal wells in San Bernardino have also been retired from service due

EPA ID: CAD981434517
Summary: to PCE/TCE contamination. An apparent hydrogeologic barrier, the Pelona Schist outcrop of the Shandin Hills, suggests that contamination of these 10 wells is originating from different sources. The 14 municipal wells that have already be

EPA ID: CAD981434517
Summary: en retired from service served 25 percent of the city s total population, and additional wells are also threatened. The San Bernardino wells supply 80,000 people in the cities of San Bernardino and Loma Linda, and the loss of any additional we

EPA ID: CAD981434517
Summary: lls could leave some areas without water. The municipal supply wells for Riverside also lie directly downgradient. No alternative water sources are currently available. Status March 31, 1989): The air stripping towers are now in opera

EPA ID: CAD981434517
Summary: tion.

NPL:
EPA ID: CAD981434517
NPL Status: Final
Proposed Date: 06/24/1988
Final Date: 03/31/1989
Deleted Date: Not reported

NPL:
EPA ID: CAD981434517
NPL Name: NEWMARK GROUND WATER CONTAMINATION

SEMS:
Site ID: 0902439
EPA ID: CAD981434517
Name: NEWMARK GROUND WATER CONTAMINATION
Address: BUNKER HILL GROUND WATER BASIN

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

Address 2: Not reported
City,State,Zip: SAN BERNARDINO, CA 92408
Cong District: 31,40
FIPS Code: 06071
Latitude: 34.171811
Longitude: -117.313100
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 09
Site ID: 0902439
EPA ID: CAD981434517
Site Name: NEWMARK GROUND WATER CONTAMINATION
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 3
Start Date: 1990-07-02 04:00:00
Finish Date: 7/2/1990 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902439
EPA ID: CAD981434517
Site Name: NEWMARK GROUND WATER CONTAMINATION
NPL: F
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1987-10-01 04:00:00
Finish Date: 10/1/1987 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902439
EPA ID: CAD981434517
Site Name: NEWMARK GROUND WATER CONTAMINATION
NPL: F
FF: N
OU: 02
Action Code: RO
Action Name: ROD
SEQ: 2
Start Date: 1995-03-24 05:00:00
Finish Date: 3/24/1995 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902439

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	1
Start Date:	1990-06-28 04:00:00
Finish Date:	9/30/1998 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1989-03-31 05:00:00
Finish Date:	3/31/1989 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	01
Action Code:	LR
Action Name:	LT RESP
SEQ:	1
Start Date:	2000-09-29 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	2
Start Date:	1989-07-31 04:00:00
Finish Date:	7/31/1989 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	2
Start Date:	1990-09-30 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	2
Start Date:	2000-07-18 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	2
Start Date:	2010-10-27 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	1
Start Date:	2007-11-14 05:00:00
Finish Date:	9/23/2008 4:00:00 AM

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	2
Start Date:	2013-09-27 05:00:00
Finish Date:	9/27/2013 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	01
Action Code:	CO
Action Name:	RI/FS
SEQ:	1
Start Date:	1990-06-28 04:00:00
Finish Date:	8/4/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	1991-06-30 04:00:00
Finish Date:	Not reported
Qual:	E
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	02
Action Code:	RD
Action Name:	RD

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

SEQ:	2
Start Date:	1995-04-17 04:00:00
Finish Date:	9/30/2003 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	01
Action Code:	RA
Action Name:	RA
SEQ:	1
Start Date:	1995-09-18 04:00:00
Finish Date:	9/30/2004 4:00:00 AM
Qual:	FR
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1988-06-24 04:00:00
Finish Date:	6/24/1988 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1987-06-01 04:00:00
Finish Date:	6/1/1987 4:00:00 AM
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1992-09-02 04:00:00
Finish Date:	9/2/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	01
Action Code:	RD
Action Name:	RD
SEQ:	1
Start Date:	1993-09-24 04:00:00
Finish Date:	10/3/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1986-08-01 04:00:00
Finish Date:	8/1/1986 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	3
Start Date:	2018-09-26 05:00:00
Finish Date:	9/26/2018 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	5
Start Date:	2015-04-03 04:00:00
Finish Date:	8/20/2015 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	02
Action Code:	LR
Action Name:	LT RESP
SEQ:	2
Start Date:	2007-01-01 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	1990-09-27 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	01
Action Code:	JF
Action Name:	ECO RISK
SEQ:	1
Start Date:	1993-03-21 05:00:00
Finish Date:	3/21/1993 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1993-08-04 04:00:00
Finish Date:	8/4/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	01
Action Code:	ED
Action Name:	R/H ASMT
SEQ:	1
Start Date:	1993-03-21 05:00:00
Finish Date:	3/21/1993 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	01
Action Code:	JF
Action Name:	ECO RISK
SEQ:	2
Start Date:	1994-12-02 05:00:00
Finish Date:	12/2/1994 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1987-06-01 04:00:00
Finish Date:	6/1/1987 4:00:00 AM

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

Qual:	L
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	02
Action Code:	RA
Action Name:	RA
SEQ:	2
Start Date:	1996-09-05 04:00:00
Finish Date:	9/28/2007 4:00:00 AM
Qual:	FR
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	TG
Action Name:	TA GRANT
SEQ:	1
Start Date:	1993-04-30 04:00:00
Finish Date:	7/1/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	02
Action Code:	CO
Action Name:	RI/FS
SEQ:	2
Start Date:	1992-09-25 04:00:00
Finish Date:	3/24/1995 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	01
Action Code:	ED
Action Name:	R/H ASMT

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

SEQ:	2
Start Date:	1994-12-02 05:00:00
Finish Date:	12/2/1994 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	02
Action Code:	RO
Action Name:	ROD
SEQ:	6
Start Date:	2015-04-03 04:00:00
Finish Date:	8/20/2015 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	03
Action Code:	CO
Action Name:	RI/FS
SEQ:	3
Start Date:	1994-02-09 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	2001-04-03 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902439
EPA ID:	CAD981434517
Site Name:	NEWMARK GROUND WATER CONTAMINATION
NPL:	F
FF:	N

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

OU: 01
Action Code: OM
Action Name: OM
SEQ: 1
Start Date: 2000-10-01 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: St Ovrsght

Region: 09
Site ID: 0902439
EPA ID: CAD981434517
Site Name: NEWMARK GROUND WATER CONTAMINATION
NPL: F
FF: N
OU: 02
Action Code: OM
Action Name: OM
SEQ: 2
Start Date: 2007-10-01 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: St Ovrsght

SIte:
Name: NEWMARK GROUND WATER CONTAMINATION
Address: BUNKER HILL GROUND WATER BASIN
Address 2: Not reported
City,State,Zip: SAN BERNARDINO, CA 92408
Event Code: Not reported
Action Taken Date: 06/30/1998
EPA ID: CAD981434517
Site ID: 0902439
Action Name: RECORD OF DECISION
Action ID: 002
Operable Unit: 02
Action Completion Date: 03/24/1995
Contaminated Media: Groundwater
Engineering Control: Discharge
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Media:
Engineering Control: Air Stripping
EPA ID: CAD981434517
Contaminated Media: Groundwater
Site ID: 0902439
Action ID: 001
Action Completion Date: 08/04/1993
Operable Unit: 01
Action Name: RECORD OF DECISION
Action Taken Date: 09/30/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

Event:	Not reported
Engineering Control:	Carbon Adsorption
EPA ID:	CAD981434517
Contaminated Media:	Groundwater
Site ID:	0902439
Action ID:	001
Action Completion Date:	08/04/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Discharge
EPA ID:	CAD981434517
Contaminated Media:	Groundwater
Site ID:	0902439
Action ID:	001
Action Completion Date:	08/04/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Extraction
EPA ID:	CAD981434517
Contaminated Media:	Groundwater
Site ID:	0902439
Action ID:	001
Action Completion Date:	08/04/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Filtration
EPA ID:	CAD981434517
Contaminated Media:	Groundwater
Site ID:	0902439
Action ID:	001
Action Completion Date:	08/04/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

Engineering Control:	Liquid Phase Carbon Adsorption
EPA ID:	CAD981434517
Contaminated Media:	Groundwater
Site ID:	0902439
Action ID:	001
Action Completion Date:	08/04/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

Engineering Control:	Monitoring
EPA ID:	CAD981434517
Contaminated Media:	Groundwater
Site ID:	0902439
Action ID:	001
Action Completion Date:	08/04/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

Engineering Control:	Reinjection
EPA ID:	CAD981434517
Contaminated Media:	Groundwater
Site ID:	0902439
Action ID:	001
Action Completion Date:	08/04/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

Engineering Control:	UV Oxidation
EPA ID:	CAD981434517
Contaminated Media:	Groundwater
Site ID:	0902439
Action ID:	001
Action Completion Date:	08/04/1993
Operable Unit:	01
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

Engineering Control:	Air Stripping

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

EPA ID: CAD981434517
Contaminated Media: Groundwater
Site ID: 0902439
Action ID: 002
Action Completion Date: 03/24/1995
Operable Unit: 02
Action Name: RECORD OF DECISION
Action Taken Date: 06/30/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Carbon Adsorption
EPA ID: CAD981434517
Contaminated Media: Groundwater
Site ID: 0902439
Action ID: 002
Action Completion Date: 03/24/1995
Operable Unit: 02
Action Name: RECORD OF DECISION
Action Taken Date: 06/30/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Discharge
EPA ID: CAD981434517
Contaminated Media: Groundwater
Site ID: 0902439
Action ID: 002
Action Completion Date: 03/24/1995
Operable Unit: 02
Action Name: RECORD OF DECISION
Action Taken Date: 06/30/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Monitoring
EPA ID: CAD981434517
Contaminated Media: Groundwater
Site ID: 0902439
Action ID: 002
Action Completion Date: 03/24/1995
Operable Unit: 02
Action Name: RECORD OF DECISION
Action Taken Date: 06/30/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

US INST CONTROL:

Name:	NEWMARK GROUND WATER CONTAMINATION
Address:	BUNKER HILL GROUND WATER BASIN
Address 2:	Not reported
City,State,Zip:	SAN BERNARDINO, CA 92408
EPA ID:	CAD981434517
Site ID:	0902439
Action Name:	Explanation Of Significant Differences
Action ID:	001
Operable Unit:	01
Action Completion Date:	08/09/2004
Actual Date:	08/31/2004
Contaminated Media:	Groundwater
Institutional Control:	Groundwater use/well drilling regulation
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

Name:	NEWMARK GROUND WATER CONTAMINATION
Address:	BUNKER HILL GROUND WATER BASIN
Address 2:	Not reported
City,State,Zip:	SAN BERNARDINO, CA 92408
EPA ID:	CAD981434517
Site ID:	0902439
Action Name:	Explanation Of Significant Differences
Action ID:	002
Operable Unit:	02
Action Completion Date:	08/09/2004
Actual Date:	08/31/2004
Contaminated Media:	Groundwater
Institutional Control:	Groundwater use/well drilling regulation
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

ROD:

Name:	NEWMARK GROUND WATER CONTAMINATION
Address:	BUNKER HILL GROUND WATER BASIN
City,State,Zip:	SAN BERNARDINO, CA 92408
EPA ID:	CAD981434517
RG:	9
Site ID:	902439
Action:	GOVT Decision Document (ROD)
Operable Unit Number:	NEWMARK OU
SEQ ID:	1
Action Completion:	1993-08-04 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported

Name:	NEWMARK GROUND WATER CONTAMINATION
Address:	BUNKER HILL GROUND WATER BASIN
City,State,Zip:	SAN BERNARDINO, CA 92408
EPA ID:	CAD981434517
RG:	9

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

Site ID: 902439
Action: GOVT Decision Document (ROD)
Operable Unit Number: MUSCOY OU
SEQ ID: 2
Action Completion: 1995-03-24 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: NEWMARK GROUND WATER CONTAMINATION
Address: BUNKER HILL GROUND WATER BASIN
City,State,Zip: SAN BERNARDINO, CA 92408
EPA ID: CAD981434517
RG: 9
Site ID: 902439
Action: GOVT Decision Document (ROD)
Operable Unit Number: NEWMARK OU
SEQ ID: 5
Action Completion: 2015-08-20 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: NEWMARK GROUND WATER CONTAMINATION
Address: BUNKER HILL GROUND WATER BASIN
City,State,Zip: SAN BERNARDINO, CA 92408
EPA ID: CAD981434517
RG: 9
Site ID: 902439
Action: GOVT Decision Document (ROD)
Operable Unit Number: MUSCOY OU
SEQ ID: 6
Action Completion: 2015-08-20 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: NEWMARK GROUND WATER CONTAMINATION
Address: BUNKER HILL GROUND WATER BASIN
City,State,Zip: SAN BERNARDINO, CA 92408
EPA ID: CAD981434517
RG: 9
Site ID: 902439
Action: GOVT ESD
Operable Unit Number: NEWMARK OU
SEQ ID: 1
Action Completion: 2004-08-09 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: NEWMARK GROUND WATER CONTAMINATION
Address: BUNKER HILL GROUND WATER BASIN
City,State,Zip: SAN BERNARDINO, CA 92408
EPA ID: CAD981434517
RG: 9
Site ID: 902439
Action: GOVT ESD
Operable Unit Number: MUSCOY OU
SEQ ID: 2
Action Completion: 2004-08-09 00:00:00

NEWMARK GROUND WATER CONTAMINATION (Continued) **1000296132**

NPL Status: Final
Non NPL Status: Not reported

PRP:
PRP Name: COUNTY OF SAN BERNARDINO
DEPARTMENT OF THE ARMY
HEADQUARTERS DEPARTMENT OF THE ARMY

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3 **CAJON CREEK** **MINES** **S117661217**
19455 SOUTH CAJON BOULEVARD **N/A**
< 1/8 **, CA**
1 ft.

Relative: **Lower**
Actual: **1311 ft.**

MINES:

Name:	CAJON CREEK
Address:	19455 SOUTH CAJON BOULEVARD
City,State,Zip:	CA
Latitude:	34.136389
Longitude:	-117.356389
Lead Agency identification code:	36.4
Lead Agency name:	City of San Bernardino
Year of the operator supplied annual report:	2017
Type of report submitted by operator:	2
Number of acres disturbed by the mine:	220.2
Status of mining operation:	ACTIVE
Status of mine reclamation:	RECLAMATION NOT STARTED
Mine operator:	CALMAT DBA VULCAN MATERIALS
Operator Address:	19455 SOUTH CAJON BLVD
Operator City, State, Zip:	SAN BERNARDINO, CA 92407
Operator County:	Not reported
Mine owner:	CALMAT COMPANY
Owner Address:	3200 N. SAN FERNANDO ROAD
Owner City, State, Zip:	LOS ANGELES, CA 90065
Owner County:	Not reported
Reclamation plan identification number:	Not reported
Primary product produced by the mine:	SAND AND GRAVEL
Other products produced by the mine:	Not reported
Type of mining utilized by mine:	OPEN PIT
Conditional use permit identification number:	91-31
Number of acres permitted for mining disturbance:	660
Total amount of funds posted by the mine for reclamation:	1387442
Financial Assurance Cost Estimate for reclamation:	932578

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4 **CALTRANS DIST 8/ROW** **HAZNET** **S112936505**
SSE **615 W HIGHLAND AVE** **HWTS** **N/A**
< 1/8 **RIALTO, CA 92376**
0.024 mi.
129 ft.

Relative: **Higher**
Actual: **1323 ft.**

HAZNET:

Name:	CALTRANS DIST 8/ROW
Address:	615 W HIGHLAND AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Year:	2004
Gepaid:	CAC002575884

CALTRANS DIST 8/ROW (Continued) **S112936505**

Contact: MICHAEL YARBROUGH
Telephone: 9093834581
Mailing Name: Not reported
Mailing Address: 464 W 4TH ST 6TH FL
Gen County: 36
Waste Category: Unspecified oil-containing waste
TSD EPA ID: CAD028409019
TSD County: 19
Disposal Method: Treatment, Tank
Tons: 9.174

Additional Info:
Year: 2004
Shipment Date: 20040325
Creation Date: 8/23/2004 8:25:08
Receipt Date: 20040326
Manifest ID: 99379103
Gen EPA ID: CAC002575884
Trans EPA ID: CAR000072488
Trans Name: MESA ENVIRONMENTAL
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDF Alt EPA ID: CAD028409019
TSDF Alt Name: Not reported
Waste Code: 223
RCRA Code: Not reported
Meth Code: T01
Quantity Tons: 9.174
Waste Quantity: 2200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: CALTRANS DIST 8/ROW
Address: 615 W HIGHLAND AVE
Address 2: Not reported
City,State,Zip: RIALTO, CA 92376
EPA ID: CAC002575884
Inactive Date: 10/27/2004
Create Date: 03/24/2004
Last Act Date: 03/24/2004
Mailing Name: ROW
Mailing Address: 464 W 4TH ST 6TH FL
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN BERNARDINO, CA 92401
Owner Name: CALTRANS DIST 8/ROW
Owner Address: 464 W 4TH ST 6TH FL
Owner Address 2: Not reported
Owner City,State,Zip: SAN BERNARDINO, CA 92401
Contact Name: MICHAEL YARBROUGH

CALTRANS DIST 8/ROW (Continued) **S112936505**

Contact Address: 464 W 4TH ST 6TH FL
Contact Address 2: Not reported
City,State,Zip: SAN BERNARDINO, CA 92401

5
WNW
< 1/8
0.042 mi.
220 ft.

RIALTO AMM STORAGE PT (J09CA057200) **ENVIROSTOR** **S105481924**
7 MILES NW OF SAN BERNARDINO **HIST Cal-Sites** **N/A**
RIALTO, CA 92376

Relative:
Higher

Actual:
1381 ft.

ENVIROSTOR:

Name:	RIALTO AMM STORAGE PT (J09CA057200)
Address:	7 MILES NW OF SAN BERNARDINO
City,State,Zip:	RIALTO, CA 92376
Facility ID:	36970014
Status:	Inactive - Action Required
Status Date:	10/04/2018
Site Code:	400775
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	2822.15
NPL:	NO
Regulatory Agencies:	DTSC, RWQCB 8 - Santa Ana
Lead Agency:	RWQCB 8 - Santa Ana
Program Manager:	Not reported
Supervisor:	Patrick Hsieh
Division Branch:	Cleanup Cypress
Assembly:	47
Senate:	20
Special Program:	DSMOA
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	* Defense Environmental Restoration Program (DERP)
Latitude:	34.14083
Longitude:	-117.3666
APN:	NONE SPECIFIED
Past Use:	RAILROAD RIGHT OF WAY, TRANSPORTATION - WAREHOUSING
Potential COC:	Explosives (UXO, MEC Perchlorate
Confirmed COC:	30011-NO 30017-NO
Potential Description:	SOIL, WELL
Alias Name:	RIALTO AMMUNITION STORAGE PLANT
Alias Type:	Alternate Name
Alias Name:	110033606550
Alias Type:	EPA (FRS #)
Alias Name:	T0607171117
Alias Type:	GeoTracker Global ID
Alias Name:	400775
Alias Type:	Project Code (Site Code)
Alias Name:	36970014
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Inventory Project Report (INPR)
Completed Date:	01/20/1993
Comments:	Not reported

RIALTO AMM STORAGE PT (J09CA057200) (Continued) **S105481924**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	07/07/2016
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Calsite:

Name:	RIALTO AMM STORAGE PT (J09CA057200)
Address:	7 MILES NW OF SAN BERNARDINO
City:	RIALTO
Region:	GLENDALE
Facility ID:	36970014
Facility Type:	CLOSE
Type:	CLOSED MILITARY BASE
Branch:	SO
Branch Name:	OMF-SOUTHERN CALIF
File Name:	Not reported
State Senate District:	12192001
Status:	ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
NPL:	Not Listed
SIC Code:	97
SIC Name:	NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Not reported
Staff Member Responsible for Site:	AGIMENO
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	SA
Region Water Control Board Name:	SANTA ANA
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	FUDS
State Assembly District Code:	62
State Senate District Code:	32
Facility ID:	Not reported
Activity:	Not reported
Activity Name:	Not reported
AWP Code:	Not reported
Proposed Budget:	Not reported
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	Not reported

RIALTO AMM STORAGE PT (J09CA057200) (Continued) **S105481924**

Est Person-Yrs to complete:	Not reported
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	Not reported
Definition of Status:	Not reported
Liquids Removed (Gals):	Not reported
Liquids Treated (Gals):	Not reported
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	Not reported
For Industrial Reuse:	Not reported
For Residential Reuse:	Not reported
Unknown Type:	Not reported
Alternate Address:	7 MILES NW OF SAN BERNARDINO
Alternate City,St,Zip:	RIALTO, CA 92376
Background Info:	This is a formerly used defense site with potential ordnance and explosives contamination that needs Army Corps funding. Until the Army Corps of Engineers receives funding to start the site inves tigation with DTSC oversight, this site is idle. There are curren tly no files available at DTSC, however the latest information on this site can be obtained from the Army Corp of Engineers' offic e.
Comments Date:	Not reported
Comments:	Not reported
ID Name:	Not reported
ID Value:	Not reported
Alternate Name:	RIALTO AMMUNITION STORAGE PLANT
Alternate Name:	RIALTO AMM STORAGE PT (J09CA057200)
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

B6 **INTOWN PROPERTIES INC/HUD** **HWTS** **S124557720**
WSW **287 E ARBETH ST** **N/A**
< 1/8 **RIALTO, CA 92377**
0.062 mi.
330 ft. **Site 1 of 2 in cluster B**

Relative: HWTS:
Higher

Name:	INTOWN PROPERTIES INC/HUD
Address:	287 E ARBETH ST
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923770000
EPA ID:	CAC001391720
Inactive Date:	10/25/2000
Create Date:	02/27/1998
Last Act Date:	10/25/2000
Mailing Name:	INTOWN PROPERTIES INC
Mailing Address:	6850 BROCKTON AVE STE 215
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIVERSIDE, CA 925060000
Owner Name:	HUD
Owner Address:	3 HUTTON CENTER DR STE 500
Owner Address 2:	Not reported
Owner City,State,Zip:	SANTA ANA, CA 927075764

Actual:
1399 ft.

INTOWN PROPERTIES INC/HUD (Continued) **S124557720**

Contact Name: LARRY SHURTZ-PROJ MGR
Contact Address: 32643 HWY 74
Contact Address 2: Not reported
City,State,Zip: HEMET, CA 925450000

B7
WSW
< 1/8
0.077 mi.
405 ft.

INTOWN PROPERTIES **HWTS** **S124553917**
275 ARBETH ST E **N/A**
RIALTO, CA 92377

Site 2 of 2 in cluster B

Relative:
Higher

Actual:
1400 ft.

HWTS:
Name: INTOWN PROPERTIES
Address: 275 ARBETH ST E
Address 2: Not reported
City,State,Zip: RIALTO, CA 923770000
EPA ID: CAC001264096
Inactive Date: 10/25/2000
Create Date: 04/29/1997
Last Act Date: 10/25/2000
Mailing Name: Not reported
Mailing Address: C/O ARTITECTS
Mailing Address 2: Not reported
Mailing City,State,Zip: HEMET, CA 925450000
Owner Name: INTOWN PROPERTIES
Owner Address: C/O ARTITECTS
Owner Address 2: Not reported
Owner City,State,Zip: HEN=MET, CA 925450000
Contact Name: LARRY SHERTZ
Contact Address: C/O ARTITECTS
Contact Address 2: Not reported
City,State,Zip: HEN=MET, CA 925450000

8
SSW
< 1/8
0.082 mi.
435 ft.

FIRE STATIONS **CA FID UST** **S101591754**
3348 E HIGHLAND **N/A**
SAN BERNARDINO, CA 92401

Relative:
Higher

Actual:
1328 ft.

CA FID UST:
Facility ID: 36008858
Regulated By: UTNKA
Regulated ID: 00028732
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 200 E 003RD ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN BERNARDINO 92401
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported

FIRE STATIONS (Continued) **S101591754**

Status: Active

C9 **HUD** **HWTS** **S124557267**
West **2157 N MAGNOLIA AVE** **N/A**
< 1/8 **RIALTO, CA 92377**
0.102 mi.
539 ft. **Site 1 of 5 in cluster C**

Relative: HWTS:
Higher

Name:	HUD
Address:	2157 N MAGNOLIA AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923770000
EPA ID:	CAC001375752
Inactive Date:	10/25/2000
Create Date:	02/10/1998
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	6293 TYLER
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIVERSIDE, CA 925030000
Owner Name:	HUD
Owner Address:	6293 TYLER
Owner Address 2:	Not reported
Owner City,State,Zip:	RIVERSIDE, CA 925030000
Contact Name:	LARRY SHURTZ/ARTITECH CONST
Contact Address:	32643 HWY 74
Contact Address 2:	Not reported
City,State,Zip:	HEMET, CA 925450000

Actual:
1407 ft.

C10 **RCRA NonGen / NLR** **1025832227**
West **2182 N MAGNOLIA AVE** **CAC003011790**
1/8-1/4 **RIALTO, CA 92377**
0.128 mi.
674 ft. **Site 2 of 5 in cluster C**

Relative: RCRA NonGen / NLR:
Higher

Date form received by agency:	2019-04-24 00:00:00.0
Facility name:	Not reported
Facility address:	2182 N MAGNOLIA AVE RIALTO, CA 92377
EPA ID:	CAC003011790
Contact:	LARRY A DUBIN
Contact address:	2182 N MAGNOLIA AVE RIALTO, CA 92377
Contact country:	Not reported
Contact telephone:	909-565-3749
Contact email:	FAVILA@BURNS-ENVIRO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Actual:
1411 ft.

Owner/Operator Summary:

Owner/operator name:	LARRY A DUBIN
Owner/operator address:	2182 N MAGNOLIA AVE RIALTO, CA 92377

(Continued) **1025832227**

Owner/operator country: Not reported
Owner/operator telephone: 909-565-3749
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LARRY A DUBIN
Owner/operator address: 2182 N MAGNOLIA AVE
RIALTO, CA 92377
Owner/operator country: Not reported
Owner/operator telephone: 909-565-3749
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: Yes
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

C11 **LARRY A DUBIN** **HWTS** **S124729345**
West **2182 N MAGNOLIA AVE** **N/A**
1/8-1/4 **RIALTO, CA 92377**
0.128 mi.
674 ft. **Site 3 of 5 in cluster C**

Relative: **Higher**

Actual: **1411 ft.**

HWTS:
Name: LARRY A DUBIN
Address: 2182 N MAGNOLIA AVE
Address 2: Not reported
City,State,Zip: RIALTO, CA 92377
EPA ID: CAC003011790
Inactive Date: 07/24/2019
Create Date: 04/24/2019
Last Act Date: 07/25/2019
Mailing Name: Not reported

LARRY A DUBIN (Continued) **S124729345**

Mailing Address:	2182 N MAGNOLIA AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 92377
Owner Name:	LARRY A DUBIN
Owner Address:	2182 N MAGNOLIA AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 92377
Contact Name:	LARRY A DUBIN
Contact Address:	2182 N MAGNOLIA AVE
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92377

C12 **F AND E TRUCKING** **RCRA NonGen / NLR** **1011488225**
West **2157 N DATE AVE** **CAR000193847**
1/8-1/4 **RIALTO, CA 92377**
0.147 mi.
776 ft. **Site 4 of 5 in cluster C**

Relative:
Higher

Actual:
1410 ft.

RCRA NonGen / NLR:

Date form received by agency:	2010-08-11 00:00:00.0
Facility name:	F AND E TRUCKING
Facility address:	2157 N DATE AVE RIALTO, CA 92377
EPA ID:	CAR000193847
Contact:	FRANK FIGUEROA
Contact address:	2157 N DATE AVE RIALTO, CA 92377
Contact country:	US
Contact telephone:	626-315-6441
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	FRANK FIGUEROA
Owner/operator address:	2157 N DATE AVE RIALTO, CA 92377
Owner/operator country:	US
Owner/operator telephone:	626-315-6441
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	2008-08-01 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	FRANK FIGUEROA
Owner/operator address:	2157 N DATE AVE RIALTO, CA 92377
Owner/operator country:	US
Owner/operator telephone:	626-315-6441
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private

F AND E TRUCKING (Continued) **1011488225**

Owner/Operator Type: Owner
Owner/Op start date: 2008-08-01 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2008-08-19 00:00:00.0
Site name: F AND E TRUCKING
Classification: Not a generator, verified

Date form received by agency: 2008-07-15 00:00:00.0
Site name: F AND E TRUCKING
Classification: Not a generator, verified

Violation Status: No violations found

C13 **F AND E TRUCKING** **HWTS** **S124946575**
West **2157 N DATE AVE** **N/A**
1/8-1/4 **RIALTO, CA 92377**
0.147 mi.
776 ft. **Site 5 of 5 in cluster C**

Relative: **Higher**

Actual: **1410 ft.**

HWTS:
Name: F AND E TRUCKING
Address: 2157 N DATE AVE
Address 2: Not reported
City,State,Zip: RIALTO, CA 92377
EPA ID: CAR000193847
Inactive Date: Not reported
Create Date: 08/19/2008
Last Act Date: 09/20/2019
Mailing Name: Not reported
Mailing Address: 2157 N DATE AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: RIALTO, CA 923770000
Owner Name: F AND E TRUCKING
Owner Address: 2157 N DATE AVE
Owner Address 2: Not reported
Owner City,State,Zip: RIALTO, CA 917060000
Contact Name: FRANK FIGUEROA
Contact Address: 2157 N DATE ST
Contact Address 2: Not reported

F AND E TRUCKING (Continued) **S124946575**

City,State,Zip: RIALTO, CA 92377

D14 **OSCAR SMITH** **HAZNET** **S113776440**
SW **1974 N OAKDALE AVE** **HWTS** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.147 mi.
777 ft. **Site 1 of 5 in cluster D**

Relative:
Higher

Actual:
1390 ft.

HAZNET:

Name:	OSCAR SMITH
Address:	1974 N OAKDALE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923762824
Year:	2012
Gepaid:	CAC002689558
Contact:	OSCAR SMITH
Telephone:	9512050783
Mailing Name:	Not reported
Mailing Address:	1974 N OAKDALE AVE
Gen County:	36
Waste Category:	Asbestos containing waste
TSD EPA ID:	AZC950823111
TSD County:	99
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.8

Additional Info:

Year:	2012
Shipment Date:	20120330
Creation Date:	10/15/2012 22:15:38
Receipt Date:	20120411
Manifest ID:	001773754GBF
Gen EPA ID:	CAC002689558
Trans EPA ID:	CAD983655465
Trans Name:	ALLIED ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000049064
Trans 2 Name:	ECTI
TSDF EPA ID:	AZC950823111
Trans Name:	LA PAZ COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	151
RCRA Code:	Not reported
Meth Code:	H132
Quantity Tons:	0.8
Waste Quantity:	2
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	OSCAR SMITH
Address:	1974 N OAKDALE AVE

OSCAR SMITH (Continued) **S113776440**

Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923762824
EPA ID:	CAC002689558
Inactive Date:	09/26/2012
Create Date:	03/29/2012
Last Act Date:	03/29/2012
Mailing Name:	Not reported
Mailing Address:	1974 N OAKDALE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 923762824
Owner Name:	OSCAR SMITH
Owner Address:	1974 N OAKDALE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 923762824
Contact Name:	OSCAR SMITH
Contact Address:	1974 N OAKDALE AVE
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923762824

D15 **HUD** **HAZNET** **S112880770**
SW **1968 SAGE AVE** **HWTS** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.163 mi.
861 ft. **Site 2 of 5 in cluster D**

Relative:
Higher

Actual:
1376 ft.

HAZNET:

Name:	HUD
Address:	1968 SAGE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
Year:	1997
Gepaid:	CAC001304048
Contact:	TAMMY MASSONE
Telephone:	9099809890
Mailing Name:	Not reported
Mailing Address:	7365 CARNELIAN STE 105
Gen County:	36
Waste Category:	Household waste
TSD EPA ID:	CAD000088252
TSD County:	19
Disposal Method:	Transfer Station
Tons:	0.0025

Additional Info:

Year:	1997
Shipment Date:	19970523
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970805
Manifest ID:	96833274
Gen EPA ID:	CAC001304048
Trans EPA ID:	CAD087169686
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

HUD (Continued) **S112880770**

Waste Code:	212
RCRA Code:	D001
Meth Code:	H01
Quantity Tons:	0.0231
Waste Quantity:	7
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	1997
Shipment Date:	19970523
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970805
Manifest ID:	96833274
Gen EPA ID:	CAC001304048
Trans EPA ID:	CAD087169686
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	214
RCRA Code:	D001
Meth Code:	H01
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	1997
Shipment Date:	19970523
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970805
Manifest ID:	96833274
Gen EPA ID:	CAC001304048
Trans EPA ID:	CAD087169686
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	612
RCRA Code:	Not reported
Meth Code:	H01
Quantity Tons:	0.0025
Waste Quantity:	5

HUD (Continued) **S112880770**

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Name: HUD
Address: 1968 SAGE AVE
Address 2: Not reported
City,State,Zip: RIALTO, CA 923760000
Year: 1997
Gepaid: CAC001304048
Contact: TAMMY MASSONE
Telephone: 9099809890
Mailing Name: Not reported
Mailing Address: 7365 CARNELIAN STE 105
Gen County: 36
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
TSD EPA ID: CAD000088252
TSD County: 19
Disposal Method: Transfer Station
Tons: 0.0231

Additional Info:
Year: 1997
Shipment Date: 19970523
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970805
Manifest ID: 96833274
Gen EPA ID: CAC001304048
Trans EPA ID: CAD087169686
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code: 212
RCRA Code: D001
Meth Code: H01
Quantity Tons: 0.0231
Waste Quantity: 7
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Year: 1997
Shipment Date: 19970523
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970805
Manifest ID: 96833274
Gen EPA ID: CAC001304048

HUD (Continued) **S112880770**

Trans EPA ID:	CAD087169686
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	214
RCRA Code:	D001
Meth Code:	H01
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	1997
Shipment Date:	19970523
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970805
Manifest ID:	96833274
Gen EPA ID:	CAC001304048
Trans EPA ID:	CAD087169686
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	612
RCRA Code:	Not reported
Meth Code:	H01
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Name:	HUD
Address:	1968 SAGE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
Year:	1997
Gepaid:	CAC001304048
Contact:	TAMMY MASSONE
Telephone:	9099809890
Mailing Name:	Not reported
Mailing Address:	7365 CARNELIAN STE 105

HUD (Continued) **S112880770**

Gen County:	36
Waste Category:	Unspecified solvent mixture
TSD EPA ID:	CAD000088252
TSD County:	19
Disposal Method:	Transfer Station
Tons:	0.0025

Additional Info:

Year:	1997
Shipment Date:	19970523
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970805
Manifest ID:	96833274
Gen EPA ID:	CAC001304048
Trans EPA ID:	CAD087169686
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H01
Quantity Tons:	0.0231
Waste Quantity:	7
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	1997
Shipment Date:	19970523
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970805
Manifest ID:	96833274
Gen EPA ID:	CAC001304048
Trans EPA ID:	CAD087169686
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	214
RCRA Code:	D001
Meth Code:	H01
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

HUD (Continued) **S112880770**

Additional Code 5:	Not reported
Year:	1997
Shipment Date:	19970523
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970805
Manifest ID:	96833274
Gen EPA ID:	CAC001304048
Trans EPA ID:	CAD087169686
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	612
RCRA Code:	Not reported
Meth Code:	H01
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	HUD
Address:	1968 SAGE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
EPA ID:	CAC001304048
Inactive Date:	10/25/2000
Create Date:	05/19/1997
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	7365 CARNELIAN STE 105
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RANCHO CUCAMONGA, CA 917300000
Owner Name:	HUD
Owner Address:	7365 CARNELIAN STE 105
Owner Address 2:	Not reported
Owner City,State,Zip:	RANCHO CUCAMONGA, CA 917300000
Contact Name:	TAMMY MASSONE
Contact Address:	7365 CARNELIAN STE 105
Contact Address 2:	Not reported
City,State,Zip:	RANCHO CUCAMONGA, CA 917300000

E16 **HOUSING AND URBAN DEVELOPMENT/HUD** **HAZNET** **S112844430**
West **185 CONDOR DR** **HWTS** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.165 mi.
870 ft. **Site 1 of 2 in cluster E**

Relative:
Higher

Actual:
1412 ft.

HAZNET:

Name:	HOUSING AND URBAN DEVELOPMENT/HUD
Address:	185 CONDOR DR
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
Year:	1997
Gepaid:	CAC000772640
Contact:	JAIME CEBALLOS/CONTR
Telephone:	9096256645
Mailing Name:	Not reported
Mailing Address:	7365 CORNELIAN STE 105
Gen County:	36
Waste Category:	Household waste
TSD EPA ID:	CAD028409019
TSD County:	19
Disposal Method:	Transfer Station
Tons:	0.0397

Additional Info:

Year:	1997
Shipment Date:	19970709
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970717
Manifest ID:	96692247
Gen EPA ID:	CAC000772640
Trans EPA ID:	CAD983668583
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	612
RCRA Code:	Not reported
Meth Code:	H01
Quantity Tons:	0.0166
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	1997
Shipment Date:	19970709
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970717
Manifest ID:	96692247
Gen EPA ID:	CAC000772640
Trans EPA ID:	CAD983668583
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

HOUSING AND URBAN DEVELOPMENT/HUD (Continued) **S112844430**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	612
RCRA Code:	Not reported
Meth Code:	H01
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	1997
Shipment Date:	19970709
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970717
Manifest ID:	96692247
Gen EPA ID:	CAC000772640
Trans EPA ID:	CAD983668583
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	612
RCRA Code:	Not reported
Meth Code:	H01
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	1997
Shipment Date:	19970709
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970717
Manifest ID:	96692247
Gen EPA ID:	CAC000772640
Trans EPA ID:	CAD983668583
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

HOUSING AND URBAN DEVELOPMENT/HUD (Continued) **S112844430**

Waste Code:	612
RCRA Code:	Not reported
Meth Code:	H01
Quantity Tons:	0.0041
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	HOUSING AND URBAN DEVELOPMENT/HUD
Address:	185 CONDOR DR
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
EPA ID:	CAC000772640
Inactive Date:	10/25/2000
Create Date:	07/08/1997
Last Act Date:	10/25/2000
Mailing Name:	TOMMY MASON
Mailing Address:	7365 CORNELIAN STE 105
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RANCHO CUCAMONGA, CA 917300000
Owner Name:	HUD
Owner Address:	7365 CORNELIAN STE 105
Owner Address 2:	Not reported
Owner City,State,Zip:	RANCHO CUCAMONGA, CA 917300000
Contact Name:	JAIME CEBALLOS/CONTR
Contact Address:	10680 SILICON AVE
Contact Address 2:	Not reported
City,State,Zip:	MONTCLAIR, CA 917630000

D17 **CAROLYN M JEFFERSON AND SYNTHIA ANN JEFFERSON** **HWTS** **S124717996**
SW **1968 N OAKDALE AVE** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.166 mi.
878 ft. **Site 3 of 5 in cluster D**

Relative:
Higher

Actual:
1390 ft.

HWTS:

Name:	CAROLYN M JEFFERSON AND SYNTHIA ANN JEFFERSON
Address:	1968 N OAKDALE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
EPA ID:	CAC003000165
Inactive Date:	05/09/2019
Create Date:	02/07/2019
Last Act Date:	05/10/2019
Mailing Name:	Not reported
Mailing Address:	1968 N OAKDALE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 92376
Owner Name:	CAROLYN M JEFFERSON AND SYNTHIA ANN
Owner Address:	1968 N OAKDALE AVE
Owner Address 2:	Not reported

CAROLYN M JEFFERSON AND SYNTHIA ANN JEFFERSON (Continued) **S124717996**

Owner City,State,Zip:	RIALTO, CA 92376
Contact Name:	ZACH JACOBSON
Contact Address:	1968 N OAKDALE AVE
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376

D18 **CAROYLN JEFFERSON** **HAZNET** **S118214455**
SW **1968 N OAKDALE AVE** **HWTS** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.166 mi.
878 ft. **Site 4 of 5 in cluster D**

Relative:
Higher

Actual:
1390 ft.

HAZNET:

Name:	CAROYLN JEFFERSON
Address:	1968 N OAKDALE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923762824
Year:	2014
Gepaid:	CAC002776118
Contact:	CAROYLN JEFFERSON
Telephone:	9098758897
Mailing Name:	Not reported
Mailing Address:	1968 N OAKDALE AVE
Gen County:	36
Waste Category:	Asbestos containing waste
TSD EPA ID:	CAD009007626
TSD County:	19
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4

Additional Info:

Year:	2014
Shipment Date:	20140619
Creation Date:	9/9/2014 22:15:18
Receipt Date:	20140626
Manifest ID:	002387763GBF
Gen EPA ID:	CAC002776118
Trans EPA ID:	CAR000013664
Trans Name:	AQHI INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009007626
Trans Name:	AZUSA LAND RECLAMATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	151
RCRA Code:	Not reported
Meth Code:	H132
Quantity Tons:	0.4
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CAROYLN JEFFERSON (Continued) **S118214455**

HWTS:

Name:	CAROYLN JEFFERSON
Address:	1968 N OAKDALE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923762824
EPA ID:	CAC002776118
Inactive Date:	09/24/2014
Create Date:	06/25/2014
Last Act Date:	09/25/2014
Mailing Name:	Not reported
Mailing Address:	1968 N OAKDALE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 923762824
Owner Name:	CAROYLN JEFFERSON
Owner Address:	1968 N OAKDALE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 923762824
Contact Name:	CAROYLN JEFFERSON
Contact Address:	1968 N OAKDALE AVE
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923762824

D19 **CAROLYN M JEFFERSON AND SYNTHIA ANN JEFFERSON** **RCRA NonGen / NLR** **1024780204**
SW **1968 N OAKDALE AVE** **CAC003000165**
1/8-1/4 **RIALTO, CA 92376**
0.166 mi.
878 ft. **Site 5 of 5 in cluster D**

Relative:
Higher

Actual:
1390 ft.

RCRA NonGen / NLR:

Date form received by agency:	2019-02-07 00:00:00.0
Facility name:	CAROLYN M JEFFERSON AND SYNTHIA ANN JEFFERSON
Facility address:	1968 N OAKDALE AVE RIALTO, CA 92376
EPA ID:	CAC003000165
Contact:	ZACH JACOBSON
Contact address:	1968 N OAKDALE AVE RIALTO, CA 92376
Contact country:	Not reported
Contact telephone:	951-532-6318
Contact email:	JBENNER@BURNS-ENVIRO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ZACH JACOBSON
Owner/operator address:	1968 N OAKDALE AVE RIALTO, CA 92376
Owner/operator country:	Not reported
Owner/operator telephone:	951-532-6318
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

CAROLYN M JEFFERSON AND SYNTHIA ANN JEFFERSON (Continued) **1024780204**

Owner/operator name:	CAROLYN M JEFFERSON AND SYNTHIA ANN
Owner/operator address:	1968 N OAKDALE AVE
	RIALTO, CA 92376
Owner/operator country:	Not reported
Owner/operator telephone:	951-532-6318
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

E20 **HUD C/O GOLDEN FEATHER REALITY INC** **HWTS** **S124564537**
West **173 CONDOR DR** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.178 mi.
940 ft. **Site 2 of 2 in cluster E**

Relative:
Higher

Actual:
1413 ft.

HWTS:

Name:	HUD C/O GOLDEN FEATHER REALITY INC
Address:	173 CONDOR DR
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 923760000
EPA ID:	CAC002233561
Inactive Date:	10/25/2000
Create Date:	10/29/1999
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	225 AIRPORT DR 1ST FLR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN BERNARDINO, CA 924080000
Owner Name:	HUD C/O GOLDEN FEATHER REALITY
Owner Address:	225 AIRPORT DR 1ST FLR
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN BERNARDINO, CA 924080000
Contact Name:	MIKE FRANKLIN / PROJ MGR
Contact Address:	225 AIRPORT DR 1ST FLR
Contact Address 2:	Not reported

HUD C/O GOLDEN FEATHER REALITY INC (Continued) **S124564537**

City,State,Zip: SAN BERNARDINO, CA 924080000

21
WSW
1/8-1/4
0.212 mi.
1118 ft.

FRESH & EASY NEIGHBORHOOD MARKET STORE #1152
2015 N RIVERSIDE AVE
RIALTO, CA 92377

HAZNET **S117311671**
HWTS **N/A**

Relative:
Higher

Actual:
1408 ft.

HAZNET:

Name:	FRESH & EASY NEIGHBORHOOD MARKET STORE #1152
Address:	2015 N RIVERSIDE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92377
Year:	2013
Gepaid:	CAL000389418
Contact:	THOMAS JANTZEN
Telephone:	3106477216
Mailing Name:	Not reported
Mailing Address:	2120 PARK PL STE 200
Gen County:	36
Waste Category:	Alkaline solution without metals pH >= 12.5
TSD EPA ID:	INR000110197
TSD County:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.002

Additional Info:

Year:	2013
Shipment Date:	20130927
Creation Date:	2/24/2014 22:15:07
Receipt Date:	20131011
Manifest ID:	006216416FLE
Gen EPA ID:	CAL000389418
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	122
RCRA Code:	D002
Meth Code:	H141
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2013
Shipment Date:	20130927
Creation Date:	2/24/2014 22:15:07
Receipt Date:	20131011

FRESH & EASY NEIGHBORHOOD MARKET STORE #1152 (Continued) **S117311671**

Manifest ID:	006216416FLE
Gen EPA ID:	CAL000389418
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	214
RCRA Code:	D001
Meth Code:	H141
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2013
Shipment Date:	20130927
Creation Date:	2/24/2014 22:15:07
Receipt Date:	20131011
Manifest ID:	006216416FLE
Gen EPA ID:	CAL000389418
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	331
RCRA Code:	Not reported
Meth Code:	Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Name:	FRESH & EASY NEIGHBORHOOD MARKET STORE #1152
Address:	2015 N RIVERSIDE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92377
Year:	2013
Gepaid:	CAL000389418
Contact:	THOMAS JANTZEN
Telephone:	3106477216

FRESH & EASY NEIGHBORHOOD MARKET STORE #1152 (Continued) **S117311671**

Mailing Name:	Not reported
Mailing Address:	2120 PARK PL STE 200
Gen County:	36
Waste Category:	Unspecified solvent mixture
TSD EPA ID:	INR000110197
TSD County:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.002

Additional Info:

Year:	2013
Shipment Date:	20130927
Creation Date:	2/24/2014 22:15:07
Receipt Date:	20131011
Manifest ID:	006216416FLE
Gen EPA ID:	CAL000389418
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	122
RCRA Code:	D002
Meth Code:	H141
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2013
Shipment Date:	20130927
Creation Date:	2/24/2014 22:15:07
Receipt Date:	20131011
Manifest ID:	006216416FLE
Gen EPA ID:	CAL000389418
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	214
RCRA Code:	D001
Meth Code:	H141
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported

FRESH & EASY NEIGHBORHOOD MARKET STORE #1152 (Continued) **S117311671**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2013
Shipment Date:	20130927
Creation Date:	2/24/2014 22:15:07
Receipt Date:	20131011
Manifest ID:	006216416FLE
Gen EPA ID:	CAL000389418
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	331
RCRA Code:	Not reported
Meth Code:	Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Name:	FRESH & EASY NEIGHBORHOOD MARKET STORE #1152
Address:	2015 N RIVERSIDE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92377
Year:	2013
Gepaid:	CAL000389418
Contact:	THOMAS JANTZEN
Telephone:	3106477216
Mailing Name:	Not reported
Mailing Address:	2120 PARK PL STE 200
Gen County:	36
Waste Category:	Off-specification, aged or surplus organics
TSD EPA ID:	INR000110197
TSD County:	Not reported
Disposal Method:	Not reported
Tons:	0.0005

Additional Info:

Year:	2013
Shipment Date:	20130927
Creation Date:	2/24/2014 22:15:07
Receipt Date:	20131011
Manifest ID:	006216416FLE
Gen EPA ID:	CAL000389418
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC

FRESH & EASY NEIGHBORHOOD MARKET STORE #1152 (Continued) **S117311671**

Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	122
RCRA Code:	D002
Meth Code:	H141
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2013
Shipment Date:	20130927
Creation Date:	2/24/2014 22:15:07
Receipt Date:	20131011
Manifest ID:	006216416FLE
Gen EPA ID:	CAL000389418
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	214
RCRA Code:	D001
Meth Code:	H141
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2013
Shipment Date:	20130927
Creation Date:	2/24/2014 22:15:07
Receipt Date:	20131011
Manifest ID:	006216416FLE
Gen EPA ID:	CAL000389418
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported

FRESH & EASY NEIGHBORHOOD MARKET STORE #1152 (Continued) **S117311671**

TSDF Alt Name:	Not reported
Waste Code:	331
RCRA Code:	Not reported
Meth Code:	Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	FRESH & EASY NEIGHBORHOOD MARKET STORE #1152
Address:	2015 N RIVERSIDE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92377
EPA ID:	CAL000389418
Inactive Date:	06/30/2014
Create Date:	09/13/2013
Last Act Date:	01/21/2016
Mailing Name:	SAUL FLOREZ
Mailing Address:	2120 PARK PL STE 200
Mailing Address 2:	Not reported
Mailing City,State,Zip:	EL SEGUNDO, CA 902450000
Owner Name:	FRESH &EASY NEIGHBORHOOD MARKET INC
Owner Address:	2120 PARK PL STE 200
Owner Address 2:	Not reported
Owner City,State,Zip:	EL SEGUNDO, CA 902450000
Contact Name:	SAUL FLOREZ
Contact Address:	2120 PARK PL STE 200
Contact Address 2:	Not reported
City,State,Zip:	EL SEGUNDO, CA 90245

NAICS:

EPA ID:	CAL000389418
Create Date:	2013-09-13 09:27:59
NAICS Code:	45291
NAICS Description:	Warehouse Clubs and Superstores
Issued EPA ID Date:	2013-09-13 09:27:59
Inactive Date:	2014-06-30 00:00:00
Facility Name:	FRESH & EASY NEIGHBORHOOD MARKET STORE #1152
Facility Address:	2015 N RIVERSIDE AVE
Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	36
Facility State:	CA
Facility Zip:	92377

F22
SW
1/8-1/4
0.215 mi.
1133 ft.

WEST COLTON RAIL TERMINAL LLC
1910 S SYCAMORE AVE
RIALTO, CA 92376

Site 1 of 3 in cluster F

HAZNET **S113156796**
HWTS **N/A**

Relative:
Higher

Actual:
1389 ft.

HAZNET:

Name:	WEST COLTON RAIL TERMINAL LLC
Address:	1910 S SYCAMORE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Year:	2009
Gepaid:	CAL000345499
Contact:	MIKE MISQUEZ
Telephone:	9095463007
Mailing Name:	Not reported
Mailing Address:	9590 NEW DECADE DR
Gen County:	36
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
TSD EPA ID:	CAD008252405
TSD County:	19
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.1815

Additional Info:

Year:	2009
Shipment Date:	20091123
Creation Date:	6/29/2010 18:30:39
Receipt Date:	20091124
Manifest ID:	005697523JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Name:	WEST COLTON RAIL TERMINAL LLC
Address:	1910 S SYCAMORE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Year:	2013
Gepaid:	CAL000345499
Contact:	MIKE MISQUEZ
Telephone:	9095463007

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Mailing Name: Not reported
Mailing Address: 9590 NEW DECADE DR
Gen County: 36
Waste Category: Other organic solids
TSD EPA ID: NVT330010000
TSD County: 99
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.04

Additional Info:
Year: 2013
Shipment Date: 20131015
Creation Date: 12/29/2014 22:14:49
Receipt Date: Not reported
Manifest ID: 011409668JJK
Gen EPA ID: CAL000345499
Trans EPA ID: CAR000206086
Trans Name: NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code: 352
RCRA Code: Not reported
Meth Code: Not reported
Quantity Tons: 0.0325
Waste Quantity: 65
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Year: 2013
Shipment Date: 20130313
Creation Date: 8/23/2013 22:15:13
Receipt Date: 20130321
Manifest ID: 011036648JJK
Gen EPA ID: CAL000345499
Trans EPA ID: CAR000206086
Trans Name: NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code: 352
RCRA Code: Not reported
Meth Code: H132
Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Name:	WEST COLTON RAIL TERMINAL LLC
Address:	1910 S SYCAMORE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Year:	2011
Gepaid:	CAL000345499
Contact:	MIKE MISQUEZ
Telephone:	9095463007
Mailing Name:	Not reported
Mailing Address:	9590 NEW DECADE DR
Gen County:	36
Waste Category:	Waste oil and mixed oil
TSD EPA ID:	CAT080013352
TSD County:	19
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.019

Additional Info:

Year:	2011
Shipment Date:	20110201
Creation Date:	5/17/2013 22:15:06
Receipt Date:	Not reported
Manifest ID:	007572695JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	Not reported
Quantity Tons:	0.726
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2011
Shipment Date:	20110201
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110210
Manifest ID:	007572698JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.891
Waste Quantity:	270
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2011
Shipment Date:	20110204
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110210
Manifest ID:	007572706JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	2.7225
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2011
Shipment Date:	20110205
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110211
Manifest ID:	007572710JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	Not reported
Quantity Tons:	0.3333
Waste Quantity:	101
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2011
Shipment Date:	20110208
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110211
Manifest ID:	007572711JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.495
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2011
Shipment Date:	20110224
Creation Date:	8/25/2011 18:30:11
Receipt Date:	20110225
Manifest ID:	006791214JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Quantity Tons:	0.5445
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2011
Shipment Date:	20111111
Creation Date:	1/27/2012 20:30:28
Receipt Date:	20111115
Manifest ID:	008549710JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO\\KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	221
RCRA Code:	Not reported
Meth Code:	H039
Quantity Tons:	0.019
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Name:	WEST COLTON RAIL TERMINAL LLC
Address:	1910 S SYCAMORE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Year:	2011
Gepaid:	CAL000345499
Contact:	MIKE MISQUEZ
Telephone:	9095463007
Mailing Name:	Not reported
Mailing Address:	9590 NEW DECADE DR
Gen County:	36
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
TSD EPA ID:	CAD008252405
TSD County:	19
Disposal Method:	Not reported
Tons:	1.0593

Additional Info:

Year:	2011
Shipment Date:	20110201
Creation Date:	5/17/2013 22:15:06
Receipt Date:	Not reported

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Manifest ID:	007572695JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	Not reported
Quantity Tons:	0.726
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2011
Shipment Date:	20110201
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110210
Manifest ID:	007572698JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.891
Waste Quantity:	270
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2011
Shipment Date:	20110204
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110210
Manifest ID:	007572706JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	2.7225
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2011
Shipment Date:	20110205
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110211
Manifest ID:	007572710JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	Not reported
Quantity Tons:	0.3333
Waste Quantity:	101
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2011
Shipment Date:	20110208
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110211
Manifest ID:	007572711JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.495
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2011
Shipment Date:	20110224
Creation Date:	8/25/2011 18:30:11
Receipt Date:	20110225
Manifest ID:	006791214JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.5445
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2011
Shipment Date:	20111111
Creation Date:	1/27/2012 20:30:28
Receipt Date:	20111115
Manifest ID:	008549710JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO\\KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	221
RCRA Code:	Not reported
Meth Code:	H039
Quantity Tons:	0.019
Waste Quantity:	5

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Name:	WEST COLTON RAIL TERMINAL LLC
Address:	1910 S SYCAMORE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Year:	2011
Gepaid:	CAL000345499
Contact:	MIKE MISQUEZ
Telephone:	9095463007
Mailing Name:	Not reported
Mailing Address:	9590 NEW DECADE DR
Gen County:	36
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
TSD EPA ID:	CAD008252405
TSD County:	19
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	4.653

Additional Info:

Year:	2011
Shipment Date:	20110201
Creation Date:	5/17/2013 22:15:06
Receipt Date:	Not reported
Manifest ID:	007572695JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	Not reported
Quantity Tons:	0.726
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2011
Shipment Date:	20110201
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110210
Manifest ID:	007572698JJK
Gen EPA ID:	CAL000345499

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.891
Waste Quantity:	270
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2011
Shipment Date:	20110204
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110210
Manifest ID:	007572706JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	2.7225
Waste Quantity:	825
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2011
Shipment Date:	20110205
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110211
Manifest ID:	007572710JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	Not reported
Quantity Tons:	0.3333
Waste Quantity:	101
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2011
Shipment Date:	20110208
Creation Date:	7/14/2011 18:30:34
Receipt Date:	20110211
Manifest ID:	007572711JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.495
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2011
Shipment Date:	20110224
Creation Date:	8/25/2011 18:30:11
Receipt Date:	20110225
Manifest ID:	006791214JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Meth Code:	H061
Quantity Tons:	0.5445
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2011
Shipment Date:	20111111
Creation Date:	1/27/2012 20:30:28
Receipt Date:	20111115
Manifest ID:	008549710JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO\\KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	221
RCRA Code:	Not reported
Meth Code:	H039
Quantity Tons:	0.019
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Name:	WEST COLTON RAIL TERMINAL LLC
Address:	1910 S SYCAMORE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Year:	2017
Gepaid:	CAL000345499
Contact:	MIKE MISQUEZ
Telephone:	2814357311
Mailing Name:	Not reported
Mailing Address:	811 MAIN ST
Gen County:	36
Waste Category:	Other organic solids
TSD EPA ID:	AZR000501510
TSD County:	99
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.025

Additional Info:

Year:	2017
Shipment Date:	20170929

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Creation Date:	7/6/2018 18:30:51
Receipt Date:	20171004
Manifest ID:	015510626JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAD053866794
Trans Name:	PATRIOT ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION INC
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	352
RCRA Code:	Not reported
Meth Code:	H141
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Name:	WEST COLTON RAIL TERMINAL LLC
Address:	1910 S SYCAMORE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Year:	2016
Gepaid:	CAL000345499
Contact:	MIKE MISQUEZ
Telephone:	2814357311
Mailing Name:	Not reported
Mailing Address:	811 MAIN ST
Gen County:	36
Waste Category:	Other organic solids
TSD EPA ID:	NVT330010000
TSD County:	99
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.035

Additional Info:

Year:	2016
Shipment Date:	20150114
Creation Date:	4/8/2015 22:14:59
Receipt Date:	20150119
Manifest ID:	007667811FLE
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO\\KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Waste Code:	221
RCRA Code:	Not reported
Meth Code:	H039
Quantity Tons:	0.057
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20150701
Creation Date:	2/4/2016 22:15:36
Receipt Date:	20150706
Manifest ID:	014209328JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20150902
Creation Date:	2/26/2016 22:15:47
Receipt Date:	20150904
Manifest ID:	014209699JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1155
Waste Quantity:	35

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20151112
Creation Date:	5/23/2016 18:30:23
Receipt Date:	20151112
Manifest ID:	014209812JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	2.9568
Waste Quantity:	896
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20151109
Creation Date:	5/23/2016 18:30:23
Receipt Date:	20151116
Manifest ID:	014209813JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.363
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20151023
Creation Date:	5/4/2016 22:15:55
Receipt Date:	20151026
Manifest ID:	014214416JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20150604
Creation Date:	1/27/2016 22:15:12
Receipt Date:	Not reported
Manifest ID:	014188708JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	352
RCRA Code:	Not reported
Meth Code:	Not reported
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20150604
Creation Date:	1/19/2016 22:15:36

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Receipt Date:	20150608
Manifest ID:	014188709JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150604
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150608
Manifest ID:	014188709JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	352
RCRA Code:	D001
Meth Code:	H141
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Name:	WEST COLTON RAIL TERMINAL LLC
Address:	1910 S SYCAMORE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Year:	2016
Gepaid:	CAL000345499
Contact:	MIKE MISQUEZ

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Telephone:	2814357311
Mailing Name:	Not reported
Mailing Address:	811 MAIN ST
Gen County:	36
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
TSD EPA ID:	AZD982441263
TSD County:	99
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	1

Additional Info:

Year:	2016
Shipment Date:	20150114
Creation Date:	4/8/2015 22:14:59
Receipt Date:	20150119
Manifest ID:	007667811FLE
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO\\KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	221
RCRA Code:	Not reported
Meth Code:	H039
Quantity Tons:	0.057
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150701
Creation Date:	2/4/2016 22:15:36
Receipt Date:	20150706
Manifest ID:	014209328JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20150902
Creation Date:	2/26/2016 22:15:47
Receipt Date:	20150904
Manifest ID:	014209699JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1155
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20151112
Creation Date:	5/23/2016 18:30:23
Receipt Date:	20151112
Manifest ID:	014209812JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	2.9568
Waste Quantity:	896
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Year:	2016
Shipment Date:	20151109
Creation Date:	5/23/2016 18:30:23
Receipt Date:	20151116
Manifest ID:	014209813JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.363
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20151023
Creation Date:	5/4/2016 22:15:55
Receipt Date:	20151026
Manifest ID:	014214416JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150604
Creation Date:	1/27/2016 22:15:12
Receipt Date:	Not reported
Manifest ID:	014188708JJK

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	352
RCRA Code:	Not reported
Meth Code:	Not reported
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150604
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150608
Manifest ID:	014188709JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150604
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150608
Manifest ID:	014188709JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	352
RCRA Code:	D001
Meth Code:	H141
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Name:	WEST COLTON RAIL TERMINAL LLC
Address:	1910 S SYCAMORE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Year:	2016
Gepaid:	CAL000345499
Contact:	MIKE MISQUEZ
Telephone:	2814357311
Mailing Name:	Not reported
Mailing Address:	811 MAIN ST
Gen County:	36
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
TSD EPA ID:	CAD008252405
TSD County:	19
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.1815

Additional Info:

Year:	2016
Shipment Date:	20150114
Creation Date:	4/8/2015 22:14:59
Receipt Date:	20150119
Manifest ID:	007667811FLE
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO\\KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	221
RCRA Code:	Not reported
Meth Code:	H039
Quantity Tons:	0.057
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20150701
Creation Date:	2/4/2016 22:15:36
Receipt Date:	20150706
Manifest ID:	014209328JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20150902
Creation Date:	2/26/2016 22:15:47
Receipt Date:	20150904
Manifest ID:	014209699JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1155
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20151112

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Creation Date:	5/23/2016 18:30:23
Receipt Date:	20151112
Manifest ID:	014209812JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	2.9568
Waste Quantity:	896
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20151109
Creation Date:	5/23/2016 18:30:23
Receipt Date:	20151116
Manifest ID:	014209813JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.363
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20151023
Creation Date:	5/4/2016 22:15:55
Receipt Date:	20151026
Manifest ID:	014214416JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150604
Creation Date:	1/27/2016 22:15:12
Receipt Date:	Not reported
Manifest ID:	014188708JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	352
RCRA Code:	Not reported
Meth Code:	Not reported
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150604
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150608
Manifest ID:	014188709JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150604
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150608
Manifest ID:	014188709JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	352
RCRA Code:	D001
Meth Code:	H141
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Name:	WEST COLTON RAIL TERMINAL LLC
Address:	1910 S SYCAMORE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Year:	2016
Gepaid:	CAL000345499
Contact:	MIKE MISQUEZ
Telephone:	2814357311
Mailing Name:	Not reported
Mailing Address:	811 MAIN ST
Gen County:	36
Waste Category:	Unspecified solvent mixture
TSD EPA ID:	CAT080013352
TSD County:	19
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Tons: 0.036

Additional Info:

Year:	2016
Shipment Date:	20150114
Creation Date:	4/8/2015 22:14:59
Receipt Date:	20150119
Manifest ID:	007667811FLE
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO\\KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	221
RCRA Code:	Not reported
Meth Code:	H039
Quantity Tons:	0.057
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150701
Creation Date:	2/4/2016 22:15:36
Receipt Date:	20150706
Manifest ID:	014209328JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150902
Creation Date:	2/26/2016 22:15:47

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Receipt Date:	20150904
Manifest ID:	014209699JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1155
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20151112
Creation Date:	5/23/2016 18:30:23
Receipt Date:	20151112
Manifest ID:	014209812JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	2.9568
Waste Quantity:	896
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20151109
Creation Date:	5/23/2016 18:30:23
Receipt Date:	20151116
Manifest ID:	014209813JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.363
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20151023
Creation Date:	5/4/2016 22:15:55
Receipt Date:	20151026
Manifest ID:	014214416JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20150604
Creation Date:	1/27/2016 22:15:12
Receipt Date:	Not reported
Manifest ID:	014188708JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

TSDF Alt Name:	Not reported
Waste Code:	352
RCRA Code:	Not reported
Meth Code:	Not reported
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150604
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150608
Manifest ID:	014188709JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150604
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150608
Manifest ID:	014188709JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	352
RCRA Code:	D001
Meth Code:	H141
Quantity Tons:	0.01

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Click this hyperlink while viewing on your computer to access
10 additional CA HAZNET: record(s) in the EDR Site Report.

Name:	WEST COLTON RAIL TERMINAL LLC
Address:	1910 S SYCAMORE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
Year:	2016
Gepaid:	CAL000345499
Contact:	MIKE MISQUEZ
Telephone:	2814357311
Mailing Name:	Not reported
Mailing Address:	811 MAIN ST
Gen County:	36
Waste Category:	Waste oil and mixed oil
TSD EPA ID:	CAT080013352
TSD County:	19
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.1026

Additional Info:

Year:	2016
Shipment Date:	20150114
Creation Date:	4/8/2015 22:14:59
Receipt Date:	20150119
Manifest ID:	007667811FLE
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO\\KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	221
RCRA Code:	Not reported
Meth Code:	H039
Quantity Tons:	0.057
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Shipment Date:	20150701
Creation Date:	2/4/2016 22:15:36
Receipt Date:	20150706
Manifest ID:	014209328JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20150902
Creation Date:	2/26/2016 22:15:47
Receipt Date:	20150904
Manifest ID:	014209699JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1155
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20151112
Creation Date:	5/23/2016 18:30:23
Receipt Date:	20151112
Manifest ID:	014209812JJK
Gen EPA ID:	CAL000345499

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	2.9568
Waste Quantity:	896
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20151109
Creation Date:	5/23/2016 18:30:23
Receipt Date:	20151116
Manifest ID:	014209813JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.363
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Year:	2016
Shipment Date:	20151023
Creation Date:	5/4/2016 22:15:55
Receipt Date:	20151026
Manifest ID:	014214416JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001
Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20150604
Creation Date:	1/27/2016 22:15:12
Receipt Date:	Not reported
Manifest ID:	014188708JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	352
RCRA Code:	Not reported
Meth Code:	Not reported
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20150604
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150608
Manifest ID:	014188709JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	212
RCRA Code:	D001

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Meth Code:	H061
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Year:	2016
Shipment Date:	20150604
Creation Date:	1/19/2016 22:15:36
Receipt Date:	20150608
Manifest ID:	014188709JJK
Gen EPA ID:	CAL000345499
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code:	352
RCRA Code:	D001
Meth Code:	H141
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Click this hyperlink while viewing on your computer to access
10 additional CA HAZNET: record(s) in the EDR Site Report.

HWTS:

Name:	WEST COLTON RAIL TERMINAL LLC
Address:	1910 S SYCAMORE AVE
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
EPA ID:	CAL000345499
Inactive Date:	Not reported
Create Date:	08/05/2009
Last Act Date:	09/22/2019
Mailing Name:	Not reported
Mailing Address:	811 MAIN ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	HOUSTON, TX 77002
Owner Name:	WEST COLTON RAIL TERMINAL LLC
Owner Address:	811 MAIN ST
Owner Address 2:	Not reported
Owner City,State,Zip:	HOUSTON, TX 77002

WEST COLTON RAIL TERMINAL LLC (Continued) **S113156796**

Contact Name:	MIKE MISQUEZ
Contact Address:	1910 S SYCAMORE AVE
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376

NAICS:

EPA ID:	CAL000345499
Create Date:	2009-08-05 09:52:49
NAICS Code:	72231
NAICS Description:	Food Service Contractors
Issued EPA ID Date:	2009-08-05 09:52:49
Inactive Date:	Not reported
Facility Name:	WEST COLTON RAIL TERMINAL LLC
Facility Address:	1910 S SYCAMORE AVE
Facility Address 2:	Not reported
Facility City:	RIALTO
Facility County:	36
Facility State:	CA
Facility Zip:	92376

F23 **WEST COLTON RAIL TERMINAL LLC** **RCRA NonGen / NLR** **1024823842**
SW **1910 S SYCAMORE AVE** **CAL000345499**
1/8-1/4 **RIALTO, CA 92376**
0.215 mi.
1133 ft. **Site 2 of 3 in cluster F**

Relative:
Higher

Actual:
1389 ft.

RCRA NonGen / NLR:

Date form received by agency:	2009-08-05 00:00:00.0
Facility name:	WEST COLTON RAIL TERMINAL LLC
Facility address:	1910 S SYCAMORE AVE RIALTO, CA 92376
EPA ID:	CAL000345499
Mailing address:	811 MAIN ST HOUSTON, TX 77002
Contact:	MIKE MISQUEZ
Contact address:	1910 S SYCAMORE AVE RIALTO, CA 92376
Contact country:	Not reported
Contact telephone:	281-435-7311
Contact email:	RPERCIVAL@USDG.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	WEST COLTON RAIL TERMINAL LLC
Owner/operator address:	811 MAIN ST HOUSTON, TX 77002
Owner/operator country:	Not reported
Owner/operator telephone:	281-291-0510
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

WEST COLTON RAIL TERMINAL LLC (Continued) **1024823842**

Owner/operator name: MIKE MISQUEZ
Owner/operator address: 1910 S SYCAMORE AVE
RIALTO, CA 92376
Owner/operator country: Not reported
Owner/operator telephone: 281-435-7311
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

F24 **TERRY BACON** **HWTS** **S124612683**
SW **313 E EASTON ST** **N/A**
1/8-1/4 **RIALTO, CA 92376**
0.234 mi.
1233 ft. **Site 3 of 3 in cluster F**

Relative:
Higher

Actual:
1386 ft.

HWTS:
Name: TERRY BACON
Address: 313 E EASTON ST
Address 2: Not reported
City,State,Zip: RIALTO, CA 92376
EPA ID: CAC002693400
Inactive Date: 11/08/2012
Create Date: 05/11/2012
Last Act Date: 05/11/2012
Mailing Name: Not reported
Mailing Address: 313 E EASTON ST
Mailing Address 2: Not reported
Mailing City,State,Zip: RIALTO, CA 92376
Owner Name: TERRY BACON
Owner Address: 313 E EASTON ST
Owner Address 2: Not reported
Owner City,State,Zip: RIALTO, CA 92376
Contact Name: TERRY BACON
Contact Address: 313 E EASTON ST
Contact Address 2: Not reported

TERRY BACON (Continued) **S124612683**

City,State,Zip: RIALTO, CA 92376

25
SW
1/8-1/4
0.236 mi.
1247 ft.

KENNETH E AND MARY RUSSELL **HWTS** **S124722506**
335 E EASTON ST **N/A**
RIALTO, CA 92376

Relative:
Higher

Actual:
1385 ft.

HWTS:

Name:	KENNETH E AND MARY RUSSELL
Address:	335 E EASTON ST
Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376
EPA ID:	CAC003004803
Inactive Date:	06/07/2019
Create Date:	03/08/2019
Last Act Date:	06/08/2019
Mailing Name:	Not reported
Mailing Address:	335 E EASTON ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIALTO, CA 92376
Owner Name:	KENNETH E AND MARY RUSSELL
Owner Address:	335 E EASTON ST
Owner Address 2:	Not reported
Owner City,State,Zip:	RIALTO, CA 92376
Contact Name:	KENNETH E AND MARY RUSSELL
Contact Address:	335 E EASTON ST
Contact Address 2:	Not reported
City,State,Zip:	RIALTO, CA 92376

G26
SSW
1/4-1/2
0.273 mi.
1439 ft.

NORTON AFB ILS OUTER MARKER AN **FUDS** **1024903443**
N/A
RIALTO, CA

Site 1 of 2 in cluster G

Relative:
Higher

Actual:
1373 ft.

FUDS:

EPA Region:	9
Installation ID:	CA99799F534400
Congressional District Number:	31
Facility Name:	NORTON AFB ILS OUTER MARKER AN
FUDS Number:	J09CA0166
City:	RIALTO
State:	CA
County:	SAN BERNARDINO
USACE District:	Los Angeles District (SPL)
Status:	Properties without projects
Current Owner:	Other
EMS Map Link:	https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=60995
Eligibility:	Ineligible
Has Projects:	No
NPL Status:	Not Listed
X Coord:	-117.3625
Y Coord:	34.133333329999999
Latitude:	34.133333329999999
Longitude:	-117.3625

G27 **NORTON AFB ILS OMA** **ENVIROSTOR** **S109548235**
SSW **N/A**
1/4-1/2 **ILS OMA, CA**
0.273 mi.
1440 ft. **Site 2 of 2 in cluster G**

Relative:
Higher

Actual:
1373 ft.

ENVIROSTOR:

Name:	NORTON AFB ILS OMA
Address:	Not reported
City,State,Zip:	ILS OMA, CA
Facility ID:	80000113
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	0
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	47
Senate:	20
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.13333
Longitude:	-117.3625
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F534400
Alias Type:	Federal Facility ID
Alias Name:	J09CA0166
Alias Type:	INPR
Alias Name:	80000113
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Inventory Project Report (INPR)
Completed Date:	04/20/1990
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

H28 **POMA AUTOMATED FUELING, INC.** **LUST** **S103982182**
WSW **2095 S RIVERSIDE AVE** **San Bern. Co. Permit** **N/A**
1/4-1/2 **RIALTO, CA 92377** **CERS**
0.283 mi.
1493 ft. **Site 1 of 2 in cluster H**

Relative:
Higher

Actual:
1415 ft.

LUST:

Name:	POMA AUTOMATED FUELING, INC.
Address:	2095 S RIVERSIDE AVE
City,State,Zip:	RIALTO, CA 92377
Lead Agency:	SAN BERNARDINO COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100462
Global Id:	T0607100462
Latitude:	34.063455
Longitude:	-117.369614
Status:	Completed - Case Closed
Status Date:	07/17/1998
Case Worker:	CB
RB Case Number:	083603105T
Local Agency:	SAN BERNARDINO COUNTY
File Location:	Local Agency
Local Case Number:	97066
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0607100462
Contact Type:	Regional Board Caseworker
Contact Name:	CARL BERNHARDT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	carl.bernhardt@waterboards.ca.gov
Phone Number:	9517824495

Global Id:	T0607100462
Contact Type:	Local Agency Caseworker
Contact Name:	CURTIS BRUNDAGE
Organization Name:	SAN BERNARDINO COUNTY
Address:	620 S. E STREET
City:	SAN BERNARDINO
Email:	cbrundage@sbcfire.org
Phone Number:	Not reported

LUST:

Global Id:	T0607100462
Action Type:	ENFORCEMENT
Date:	07/17/1998
Action:	Closure/No Further Action Letter

Global Id:	T0607100462
Action Type:	Other
Date:	12/02/1997
Action:	Leak Reported

Global Id:	T0607100462
Action Type:	Other

POMA AUTOMATED FUELING, INC. (Continued) **S103982182**

Date: 10/29/1997
Action: Leak Discovery

LUST:
Global Id: T0607100462
Status: Open - Case Begin Date
Status Date: 10/29/1997

Global Id: T0607100462
Status: Completed - Case Closed
Status Date: 07/17/1998

San Bern. Co. Permit:
Name: FLYERS #441
Address: 2095 S RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0005359
Owner: Flyers Energy LLC
Permit Number: PT0024692
Permit Category: WASTE INCIDENTAL UST OPERATION ONLY -PER YEAR
Facility Status: ACTIVE
Expiration Date: 01/31/2020

Name: FLYERS #441
Address: 2095 S RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0005359
Owner: Flyers Energy LLC
Permit Number: PT0002097
Permit Category: HAZMAT HANDLER, UST ONLY - PER YEAR
Facility Status: ACTIVE
Expiration Date: 01/31/2020

Name: FLYERS #441
Address: 2095 S RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0005359
Owner: Flyers Energy LLC
Permit Number: PT0012324
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 01/31/2020

Name: FLYERS #441
Address: 2095 S RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0005359
Owner: Flyers Energy LLC
Permit Number: PT0012325
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE

POMA AUTOMATED FUELING, INC. (Continued) **S103982182**

Expiration Date: 01/31/2020

Name: FLYERS #441
Address: 2095 S RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0005359
Owner: Flyers Energy LLC
Permit Number: PT0012326
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 01/31/2020

Name: FLYERS #441
Address: 2095 S RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0005359
Owner: Flyers Energy LLC
Permit Number: PT0012327
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 01/31/2020

CERS:
Name: POMA AUTOMATED FUELING, INC.
Address: 2095 S RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92377
Site ID: 252512
CERS ID: T0607100462
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: CURTIS BRUNDAGE - SAN BERNARDINO COUNTY
Entity Title: Not reported
Affiliation Address: 620 S. E STREET
Affiliation City: SAN BERNARDINO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: CARL BERNHARDT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824495

H29 **POMA AUTOMATED FUELING, INC.** **LUST** **S100871021**
WSW **2095 RIVERSIDE AVE** **N/A**
1/4-1/2 **RIALTO, CA 92377**
0.283 mi.
1493 ft. **Site 2 of 2 in cluster H**

Relative:
Higher

Actual:
1415 ft.

LUST REG 8:

Name:	POMA AUTOMATED FUELING, INC.
Address:	2095 RIVERSIDE AVE
City:	RIALTO
Region:	8
County:	San Bernardino
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083603105T
Local Case Num:	97066
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0607100462
How Stopped Date:	Not reported
Enter Date:	2/10/1998
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	10/29/1997
Enforcement Date:	Not reported
Close Date:	7/17/1998
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	2/10/1998
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.1359152
Longitude:	-117.3702883
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	CAB
Staff Initials:	CB5
Lead Agency:	Local Agency

POMA AUTOMATED FUELING, INC. (Continued) **S100871021**

Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

I30 **UNOCAL TANK FARM - CONOCO WEST YARD COLTON TERMINA** **CPS-SLIC S106487016**
West **2301 RIVERSIDE AVENUE S** **CERS N/A**
1/4-1/2 **RIALTO, CA**
0.391 mi.
2067 ft. **Site 1 of 3 in cluster I**

Relative: **Higher**
Actual: **1428 ft.**

CPS-SLIC:

Name:	UNOCAL TANK FARM - CONOCO WEST YARD COLTON TERMINAL
Address:	2301 RIVERSIDE AVENUE S
City,State,Zip:	RIALTO, CA
Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	03/14/2011
Global Id:	SLT8R2634093
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number:	Not reported
Latitude:	34.0597703954576
Longitude:	-117.369003295898
Case Type:	Cleanup Program Site
Case Worker:	RS
Local Agency:	Not reported
RB Case Number:	SLT8R263
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply, Soil, Soil Vapor
Potential Contaminants of Concern:	Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History:	COLTON REFINED FUELS TERMINAL FACT SHEET Site Description The Colton Terminal occupies approximately 130 acres of land. It is located in the Colton/Rialto/Bloomington Area, south of I-10, west of I-215 and the Santa Ana River. The surrounding area is primarily Industrial, Agricultural and Protected Reserve for the endangered species (Delhi Sands Flower-Loving Fly). 47 above ground tanks store ~63 million gallons of fuel (gasoline, diesel fuel, jet fuel). Fuel is piped from Watson Station (North Long Beach) to the terminal, stored on site and then either piped to other areas or transported off site by truck. Independent operators of separate facilities at the terminal include BP (Atlantic Richfield), Chevron, Shell, ExxonMobil, Kinder Morgan, and Phillips. Previous operators included ARCO, Golden West Refining, Tesoro, Texaco, Tosco and Unocal. Spills and Leaks The site has a history of spills of gasoline, jet fuel and diesel fuel. Little is known of the spill history at the site prior to 1974. There have been 14 spills reported totaling approximately 268,000 gallons and other numerous reported spills of unspecified minor quantities since 1974. The first large spill reported to the Regional Board was in 1987. Hydrogeology Perched groundwater is at an average elevation of 888 feet above mean sea level (a depth of 93 to 152 feet below ground surface). Water in the perched zone is found on top of a low permeability silt layer. The perched zone gently slopes from northeast to southwest and is not present at the northwest and southern portions of the site. The movement of groundwater on the perched zone is generally to the south-southwest but may range to the

UNOCAL TANK FARM - CONOCO WEST YARD COLTON TERMINAL (Continued) **S106487016**

southeast through various portions of the site. The perched water is not used for water production. The top of the regional aquifer is an average elevation of 847 feet (a depth of 122 to 194 feet below ground surface). The groundwater in the regional aquifer flows to the south-southwest at a rate of approximately 2 feet per day. Water Supply Wells There are two water supply wells approximately 4,600 feet south of the site, both completed in a deep aquifer. Well 41 was drilled in 1992 and began active pumping at over 2,000 gpm daily, in 1997. The well seal extends to 290 feet below ground surface. Weekly monitoring for methyl tertiary butyl ether (MTBE) and benzene is conducted at this well. MTBE and benzene have not been detected. Well 40 was drilled in 1999, but there are no current plans to equip this well until the potential impact from the MTBE plume is better understood. Enforcement Actions Cleanup and Abatement Order (CAO) No. 87-151 was issued to Southern Pacific Pipelines (SPP, Currently Kinder Morgan) and Unocal. CAO No. 88-114 was issued to ARCO, Chevron, Golden West Refining, Mobil, SPP, Shell, Tesoro, Texaco, Tosco and Unocal. Order No. 89-121 amended CAO No. 88-114 to remove ARCO, because ARCO agreed to complete an independent investigation under the direction of the Regional Board. Investigation and Cleanup Activities From 1989 to 1993, 21 wells were installed to define the plume. In 1993, soil remediation began using a 200 cfm vapor extraction unit. Later, additional wells were installed and the vapor extraction system was expanded and upgraded. Soil from various spills has been excavated, treated onsite and re-used or transported offsite for proper disposal. In 1996, offsite access negotiations began, and in 1998 an offsite monitoring well was installed. In 1998, oil skimmers were installed in certain down gradient wells and removed free product of approximately 165 gallons of fuel. In 1999, the vapor extraction system was replaced with a 6,000 cfm unit to assist in free product removal. In December 1998, Atlantic Richfield began operation of a separate 1,000 cfm vapor extraction unit on their portion of the facility. Collectively, over 455,500 gallons of fuel (2.82 million pounds) have been removed with the vapor extraction units. In 2001, MTBE was detected off site at a concentration of 83 g/l (or parts per billion [ppb]) in a monitoring well approximately 900 feet south of the site. Since August 2001, 42 additional wells have been installed to define the plume. There are currently more than 133 wells

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	UNOCAL TANK FARM - CONOCO WEST YARD COLTON TERMINAL
Address:	2301 RIVERSIDE AVENUE S
City,State,Zip:	RIALTO, CA
Site ID:	224212
CERS ID:	SLT8R2634093
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA

UNOCAL TANK FARM - CONOCO WEST YARD COLTON TERMINAL (Continued) **S106487016**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

J31 **RIVERSIDE SERVICE** **LUST** **S100223045**
WSW **1877 N RIVERSIDE AVE** **CHMIRS** **N/A**
1/4-1/2 **RIALTO, CA 92376** **San Bern. Co. Permit**
0.406 mi. **CERS**
2145 ft. **Site 1 of 2 in cluster J**

Relative:
Higher

Actual:
1399 ft.

LUST:
Name: ARCO - RIVERSIDE SERVICE
Address: 1877 N RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Lead Agency: SAN BERNARDINO COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100178
Global Id: T0607100178
Latitude: 34.1335753
Longitude: -117.3704389
Status: Completed - Case Closed
Status Date: 10/03/1990
Case Worker: CR2
RB Case Number: 083601577T
Local Agency: SAN BERNARDINO COUNTY
File Location: Local Agency
Local Case Number: 87039
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0607100178
Contact Type: Local Agency Caseworker
Contact Name: CATHERINE RICHARDS
Organization Name: SAN BERNARDINO COUNTY
Address: 620 SOUTH E STREET
City: SAN BERNARDINO
Email: crichards@sbcfire.org
Phone Number: 9093868419

Global Id: T0607100178
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: valerie.jahn-bull@waterboards.ca.gov
Phone Number: 9517824903

LUST:
Global Id: T0607100178
Action Type: Other
Date: 06/27/1990
Action: Leak Reported

Global Id: T0607100178

RIVERSIDE SERVICE (Continued) **S100223045**

Action Type: ENFORCEMENT
Date: 10/03/1990
Action: Closure/No Further Action Letter

Global Id: T0607100178
Action Type: Other
Date: 06/27/1990
Action: Leak Discovery

Global Id: T0607100178
Action Type: Other
Date: 06/27/1990
Action: Leak Stopped

LUST:
Global Id: T0607100178
Status: Open - Case Begin Date
Status Date: 06/27/1990

Global Id: T0607100178
Status: Open - Site Assessment
Status Date: 07/02/1990

Global Id: T0607100178
Status: Completed - Case Closed
Status Date: 10/03/1990

CHMIRS:
Name: Not reported
Address: 1877 N RIVERSIDE
City,State,Zip: RIALTO, CA 92376-8069
OES Incident Number: 991952
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Date Completed: 03-MAR-88
Property Use: 500
Agency Id Number: 36185
Agency Incident Number: 877
Time Notified: 1302
Time Completed: 1315
Surrounding Area: 500
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported

RIVERSIDE SERVICE (Continued) **S100223045**

CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	KARL F KOLODZIK
Report Date:	03-MAR-88
Facility Telephone:	714 820-2501
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	03-MAR-88
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	Not reported
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	N
Description:	Not reported

San Bern. Co. Permit:

Name:	RIVERSIDE SERVICE
Address:	1877 N RIVERSIDE AVE
City,State,Zip:	RIALTO, CA 92376
Region:	SAN BERNARDINO
Facility ID:	FA0005748
Owner:	FAMILY OIL COMPANY
Permit Number:	PT0015640
Permit Category:	REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status:	INACTIVE
Expiration Date:	07/31/2004

Name:	RIVERSIDE SERVICE
Address:	1877 N RIVERSIDE AVE
City,State,Zip:	RIALTO, CA 92376

RIVERSIDE SERVICE (Continued) **S100223045**

Region: SAN BERNARDINO
Facility ID: FA0005748
Owner: FAMILY OIL COMPANY
Permit Number: PT0001981
Permit Category: HAZMAT HANDLER, UST ONLY - PER YEAR
Facility Status: INACTIVE
Expiration Date: 07/31/2003

Name: RIVERSIDE SERVICE
Address: 1877 N RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0005748
Owner: FAMILY OIL COMPANY
Permit Number: PT0012180
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: INACTIVE
Expiration Date: 07/31/2003

Name: RIVERSIDE SERVICE
Address: 1877 N RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0005748
Owner: FAMILY OIL COMPANY
Permit Number: PT0012181
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: INACTIVE
Expiration Date: 07/31/2003

Name: RIVERSIDE SERVICE
Address: 1877 N RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Region: SAN BERNARDINO
Facility ID: FA0005748
Owner: FAMILY OIL COMPANY
Permit Number: PT0012182
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: INACTIVE
Expiration Date: 07/31/2003

CERS:
Name: ARCO - RIVERSIDE SERVICE
Address: 1877 N RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Site ID: 244674
CERS ID: T0607100178
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: CATHERINE RICHARDS - SAN BERNARDINO COUNTY
Entity Title: Not reported
Affiliation Address: 620 SOUTH E STREET
Affiliation City: SAN BERNARDINO
Affiliation State: CA
Affiliation Country: Not reported

RIVERSIDE SERVICE (Continued) **S100223045**

Affiliation Zip:	Not reported
Affiliation Phone:	9093868419
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	VALERIE JAHN-BULL - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517824903

J32 **ARCO - RIVERSIDE SERVICE** **LUST** **S101301258**
WSW **1877 RIVERSIDE AVE** **N/A**
1/4-1/2 **RIALTO, CA 92376**
0.406 mi.
2145 ft. **Site 2 of 2 in cluster J**

Relative: **Higher**
Actual: **1399 ft.**

LUST REG 8:

Name:	ARCO - RIVERSIDE SERVICE
Address:	1877 RIVERSIDE AVE
City:	RIALTO
Region:	8
County:	San Bernardino
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083601577T
Local Case Num:	87039
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	EASTON
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	Overfill
Leak Source:	Other Source
Global ID:	T0607100178
How Stopped Date:	6/27/1990
Enter Date:	7/2/1990
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	7/2/1990
Discover Date:	6/27/1990
Enforcement Date:	1/1/1965
Close Date:	10/3/1990
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	7/2/1990
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported

ARCO - RIVERSIDE SERVICE (Continued) **S101301258**

Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.1336003
Longitude:	-117.3702853
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	VJJ
Staff Initials:	CR2
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

I33 **COLTON TERMINAL/SANTA FE PIPELINE** **ENVIROSTOR** **U003784561**
West **2359 S RIVERSIDE** **SWEEPS UST** **N/A**
1/4-1/2 **RIALTO, CA 92376** **EMI**
0.417 mi. **CERS**
2201 ft. **Site 2 of 3 in cluster I**

Relative: **Higher**

Actual: **1430 ft.**

ENVIROSTOR:

Name:	SFPP/LP COLTON TERMINAL
Address:	2359 S. RIVERSIDE AVENUE
City,State,Zip:	RIALTO, CA 92316
Facility ID:	71002535
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Cypress
Assembly:	47
Senate:	20
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.03076
Longitude:	-117.3649
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED

COLTON TERMINAL/SANTA FE PIPELINE (Continued) **U003784561**

Potential Description: NONE SPECIFIED
Alias Name: CAD067618389
Alias Type: EPA Identification Number
Alias Name: 110021273600
Alias Type: EPA (FRS #)
Alias Name: 71002535
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SWEEPS UST:
Name: COLTON TERMINAL/SANTA FE PIPELINE
Address: 2359 S RIVERSIDE
City: RIALTO
Status: Active
Comp Number: 7817
Number: 3
Board Of Equalization: Not reported
Referral Date: 06-21-94
Action Date: 06-21-94
Created Date: 06-21-94
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

Name: COLTON TERMINAL/SANTA FE PIPELINE
Address: 2359 S RIVERSIDE
City: RIALTO
Status: Not reported
Comp Number: 7817
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

COLTON TERMINAL/SANTA FE PIPELINE (Continued) **U003784561**

SWRCB Tank Id: 36-000-007817-000001
Tank Status: Not reported
Capacity: 1500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 1

EMI:
Name: SO PACIFIC PIPELINES INC
Address: 2359 S RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92376
Year: 2001
County Code: 36
Air Basin: SC
Facility ID: 800129
Air District Name: SC
SIC Code: 4226
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 97
Reactive Organic Gases Tons/Yr: 68
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 5
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

CERS:
Name: SFPP L P COLTON TERMINAL
Address: 2359 S RIVERSIDE AVE
City,State,Zip: RIALTO, CA 92377
Site ID: 493573
CERS ID: 110041156646
CERS Description: US EPA Air Emission Inventory System (EIS)

I34 **COLTON TERMINAL** **CPS-SLIC** **U001575309**
West **2359 RIVERSIDE AVE** **HIST UST** **N/A**
1/4-1/2 **RIALTO, CA NONE** **CHMIRS**
0.417 mi. **ENF**
2201 ft. **Site 3 of 3 in cluster I** **CERS**

Relative: Higher
Actual: 1430 ft.

CPS-SLIC:
Name: COLTON TERMINAL
Address: 2359 SOUTH RIVERSIDE AVE
City,State,Zip: RIALTO, CA
Region: STATE
Facility Status: **Open - Remediation**
Status Date: 03/01/2002
Global Id: SL208023857
Lead Agency: SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number: Not reported
Latitude: 34.0594
Longitude: -117.369266
Case Type: Cleanup Program Site

COLTON TERMINAL (Continued) **U001575309**

Case Worker:	RS
Local Agency:	Not reported
RB Case Number:	SL208023857
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	* Petroleum - Automotive gasolines, * Petroleum - Diesel fuels, * Petroleum - Jet Fuel / Aviation
Site History:	This is a bulk petrochemical storage and transfer facility with a large plume of gasoline on the groundwater and dissolved gasoline constituents in the groundwater.

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	COLTON TERMINAL
Address:	2359 RIVERSIDE AVE
City,State,Zip:	RIALTO, CA NONE
File Number:	0002A6E5
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A6E5.pdf
Region:	STATE
Facility ID:	00000040276
Facility Type:	Other
Other Type:	COMMON CARRIER PIPEL
Contact Name:	L. O. LUTHER
Telephone:	7148772141
Owner Name:	SOUTHERN PACIFIC PIPE LINES, I
Owner Address:	610 SOUTH MAIN STREET
Owner City,St,Zip:	LOS ANGELES, CA 90014
Total Tanks:	0003
Tank Num:	001
Container Num:	#1
Year Installed:	1956
Tank Capacity:	00005880
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/8
Leak Detection:	Visual
Tank Num:	002
Container Num:	#2
Year Installed:	1979
Tank Capacity:	00005880
Tank Used for:	WASTE
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/8
Leak Detection:	Visual
Tank Num:	003
Container Num:	#3
Year Installed:	1956
Tank Capacity:	00000420
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	1/8
Leak Detection:	Visual

COLTON TERMINAL (Continued) **U001575309**

Click here for Geo Tracker PDF:

CHMIRS:

Name:	Not reported
Address:	2359 SOUTH RIVERSIDE AVE
City,State,Zip:	RIALTO, CA 92376
OES Incident Number:	10-7527
OES notification:	12/15/2010
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Other
Cleanup By:	None
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	N/A
Other:	Not reported
Date/Time:	1530
Year:	2010
Agency:	City of Rialto FD
Incident Date:	12/14/2010
Admin Agency:	San Bernardino County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Unleaded Fuel - non release
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported

COLTON TERMINAL (Continued) **U001575309**

Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	RP states that a storage tank cover sank to the bottom of the tank. Currently in the process of transferring fuel from one tank to another.

ENF:

Name:	SFPP COLTON FUEL TERMINAL
Address:	Not reported
City,State,Zip:	CA
Region:	8
Facility Id:	228202
Agency Name:	Not reported
Place Type:	Service/Commercial
Place Subtype:	Service/Commercial Site, NEC
Facility Type:	Industrial
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.058855
Place Longitude:	-117.370258
SIC Code 1:	4959
SIC Desc 1:	Sanitary Services, NEC
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1

COLTON TERMINAL (Continued) **U001575309**

WDID:	Not reported
Reg Measure Id:	131332
Reg Measure Type:	NPDES Permits
Region:	8
Order #:	R8-2002-0007
Npdes# CA#:	CAG918001
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	5688
Status:	Historical
Status Date:	02/02/2007
Effective Date:	02/02/2002
Expiration/Review Date:	01/01/2007
Termination Date:	02/01/2007
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	G
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	244976
Region:	8
Order / Resolution Number:	R8-2003-0040
Enforcement Action Type:	Admin Civil Liability
Effective Date:	02/14/2003
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	ACLC R8-2003-0040 for SFPP, LP
Description:	VIOLATED TBA LIMITS. WILL ISSUE ACL.
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	5/20/2003
# Of Programs1:	1
Total Assessment Amount:	48000
Initial Assessed Amount:	0
Liability $ Amount:	24000
Project $ Amount:	0
Liability $ Paid:	24000
Project $ Completed:	0
Total $ Paid/Completed Amount:	48000

CERS:

Name:	COLTON TERMINAL
Address:	2359 SOUTH RIVERSIDE AVE
City,State,Zip:	RIALTO, CA
Site ID:	247837
CERS ID:	SL208023857

COLTON TERMINAL (Continued) **U001575309**

CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

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35 WNW 1/2-1 0.773 mi. 4079 ft. **LARRY ZELKE RESIDENCE (2)** **ENVIROSTOR** **S100182101**
6061 RIVERSIDE AVENUE **N/A**
RIALTO, CA 92376

Relative: Higher

Actual: 1472 ft.

ENVIROSTOR:
Name: LARRY ZELKE RESIDENCE (2)
Address: 6061 RIVERSIDE AVENUE
City,State,Zip: RIALTO, CA 92376
Facility ID: 36350022
Status: Refer: Other Agency
Status Date: 08/22/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 47
Senate: 20
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.14407
Longitude: -117.3787
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982400442
Alias Type: EPA Identification Number
Alias Name: 36350022
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening

LARRY ZELKE RESIDENCE (2) (Continued) **S100182101**

Completed Date:	10/25/1994
Comments:	Database verification program concurs with the EPA recommendation that NFA is needed at the site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	03/28/1990
Comments:	FACILITY IDENTIFIED EPA FIT PA EPA COMPLETED PRELIMINARY ASSESSMENT AND RECOMMEND NO FURTHER ACTION; RECOMMEND SITE SCREENING FOR STATE.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

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36 **ORDNANCE B/U ST DEPOT** **ENVIROSTOR** **S107736967**
West **N/A**
1/2-1 **FONTANA, CA**
0.984 mi.
5197 ft.

Relative:
Higher

Actual:
1469 ft.

ENVIROSTOR:

Name:	ORDNANCE B/U ST DEPOT
Address:	Not reported
City,State,Zip:	FONTANA, CA
Facility ID:	80000876
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	47
Senate:	20
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.14083
Longitude:	-117.3833
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F999700

ORDNANCE B/U ST DEPOT (Continued) **S107736967**

Alias Type: Federal Facility ID
Alias Name: J09CA7174
Alias Type: INPR
Alias Name: 80000876
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 09/08/1997
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
RIALTO	S107539172		LAUREL AVE, SO OF HIGHLAND AVE	92376	CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/05/2019
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 04/27/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 04/27/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/04/2019
Date Data Arrived at EDR: 11/13/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 76

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 11/22/2019
Date Data Arrived at EDR: 11/22/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 01/30/2020
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 11/22/2019
Date Data Arrived at EDR: 11/22/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 01/30/2020
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 14

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/07/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/28/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/07/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/28/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/11/2019
Date Data Arrived at EDR: 11/12/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 57

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/11/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 66

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 12/17/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 55
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/27/2019
Date Data Arrived at EDR: 08/28/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 75
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/21/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/11/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/17/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/07/2020
Number of Days to Update: 70
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/28/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/18/2019
Date Data Arrived at EDR: 12/19/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 62
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/15/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 69

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/27/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/07/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/28/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/06/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/21/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 01/02/2020
Number of Days to Update: 72

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/22/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/11/2019
Number of Days to Update: 70

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/21/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 01/03/2020
Number of Days to Update: 73

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/22/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 12/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/05/2019
Date Data Arrived at EDR: 12/06/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 70

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/06/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 58

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/22/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 66

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 11/12/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 70

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/10/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/09/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/24/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/20/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 11/21/2019
Number of Days to Update: 370

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 10/23/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/21/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/06/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 8
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/06/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/10/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 01/06/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/21/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/25/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/20/2019
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 78

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/28/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2019
Date Data Arrived at EDR: 10/09/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 72

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/06/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/16/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/07/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/15/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 12/03/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/06/2019
Date Data Arrived at EDR: 11/25/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 64

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/25/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 37

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 12/03/2019
Number of Days to Update: 90

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/13/2020
Next Scheduled EDR Contact: 04/27/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 10/06/2019
Date Data Arrived at EDR: 10/08/2019
Date Made Active in Reports: 01/02/2020
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/07/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 70

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/18/2019
Date Data Arrived at EDR: 12/20/2019
Date Made Active in Reports: 02/20/2020
Number of Days to Update: 62

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/20/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 10/31/2019
Date Data Arrived at EDR: 11/01/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 40

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 63

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 09/27/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 37

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/12/2019
Number of Days to Update: 62

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 59

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 03/29/2020
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/22/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 66

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/22/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 01/02/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/08/2019
Date Data Arrived at EDR: 11/12/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 57

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 65

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/07/2019
Date Data Arrived at EDR: 10/08/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/07/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 11/22/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/11/2019
Date Data Arrived at EDR: 11/12/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 57
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/11/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/16/2019
Date Data Arrived at EDR: 09/18/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 49
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/11/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 12/06/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/07/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/17/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71
Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62
Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/21/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 01/03/2020
Number of Days to Update: 73
Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/22/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
-> Description here.

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 11/14/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 85

Source: -> Agency name here.
Telephone: -> Phone here.
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/06/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 10/03/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/06/2020
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 51

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 01/06/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 63

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/03/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 12/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/27/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 43

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/12/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 49

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/03/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/08/2019
Date Data Arrived at EDR: 10/10/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 62

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/03/2020
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/13/2019
Date Data Arrived at EDR: 11/14/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 70

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/18/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 01/02/2020
Number of Days to Update: 72

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 11/05/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 64

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/25/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 61

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 08/16/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/08/2020
Next Scheduled EDR Contact: 04/27/2020
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

Date of Government Version: 07/22/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/11/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/15/2020
Date Data Arrived at EDR: 01/16/2020
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 22

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/06/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 10/16/2019
Date Made Active in Reports: 12/12/2019
Number of Days to Update: 57

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/14/2020
Next Scheduled EDR Contact: 04/27/2020
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/13/2020
Next Scheduled EDR Contact: 04/27/2020
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/20/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 04/27/2020
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/20/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/20/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 71
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/14/2020
Next Scheduled EDR Contact: 04/27/2020
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/13/2020
Next Scheduled EDR Contact: 04/27/2020
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 01/27/2020
Number of Days to Update: 68
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29
Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 01/03/2020
Number of Days to Update: 44

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 11/20/2019
Date Data Arrived at EDR: 12/02/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 67

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 11/06/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 62

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/30/2019
Date Data Arrived at EDR: 10/30/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 42

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/02/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 64

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/02/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 64

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 11/05/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 64

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/04/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 66

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 12/13/2019
Number of Days to Update: 52
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 01/03/2020
Number of Days to Update: 73
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/14/2019
Date Data Arrived at EDR: 12/23/2019
Date Made Active in Reports: 02/20/2020
Number of Days to Update: 59
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/23/2019
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/07/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 11/08/2019
Number of Days to Update: 38
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/23/2019
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 11/14/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 69
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/26/2019
Date Data Arrived at EDR: 11/27/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 69

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/04/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 10/16/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 12/13/2019
Number of Days to Update: 52

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/25/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 67

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/07/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/11/2019
Next Scheduled EDR Contact: 03/30/2020
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 12/12/2019
Date Data Arrived at EDR: 12/13/2019
Date Made Active in Reports: 02/20/2020
Number of Days to Update: 69

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 02/20/2020
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/05/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 65

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 10/30/2019
Date Data Arrived at EDR: 11/01/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 68

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/25/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 08/28/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 06/18/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 29

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 36

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/17/2019
Next Scheduled EDR Contact: 04/06/2020
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 62

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/13/2020
Next Scheduled EDR Contact: 04/27/2020
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 66

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 12/02/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 01/23/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 01/02/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 11/25/2019
Date Data Arrived at EDR: 11/27/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 69

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 63

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/21/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2019
Date Data Arrived at EDR: 10/23/2019
Date Made Active in Reports: 12/13/2019
Number of Days to Update: 51

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/21/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/26/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/10/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/25/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 30

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/19/2019
Next Scheduled EDR Contact: 04/13/2020
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 11/04/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 63

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/14/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/03/2020
Number of Days to Update: 60

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 01/30/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/06/2020
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/14/2020
Next Scheduled EDR Contact: 04/07/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/18/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/18/2019
Next Scheduled EDR Contact: 03/23/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

2400 WEST HIGHLAND AVENUE
2400 WEST HIGHLAND AVENUE
SAN BERNARDINO CNTY, CA 92407

TARGET PROPERTY COORDINATES

Latitude (North):	34.138912 - 34° 8' 20.08''
Longitude (West):	117.360724 - 117° 21' 38.61''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	466741.4
UTM Y (Meters):	3777422.2
Elevation:	1322 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630643 SAN BERNARDINO NORTH, CA
Version Date:	2012
Southeast Map:	5620416 SAN BERNARDINO SOUTH, CA
Version Date:	2012
Southwest Map:	5619058 FONTANA, CA
Version Date:	2012
Northwest Map:	5630611 DEVORE, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

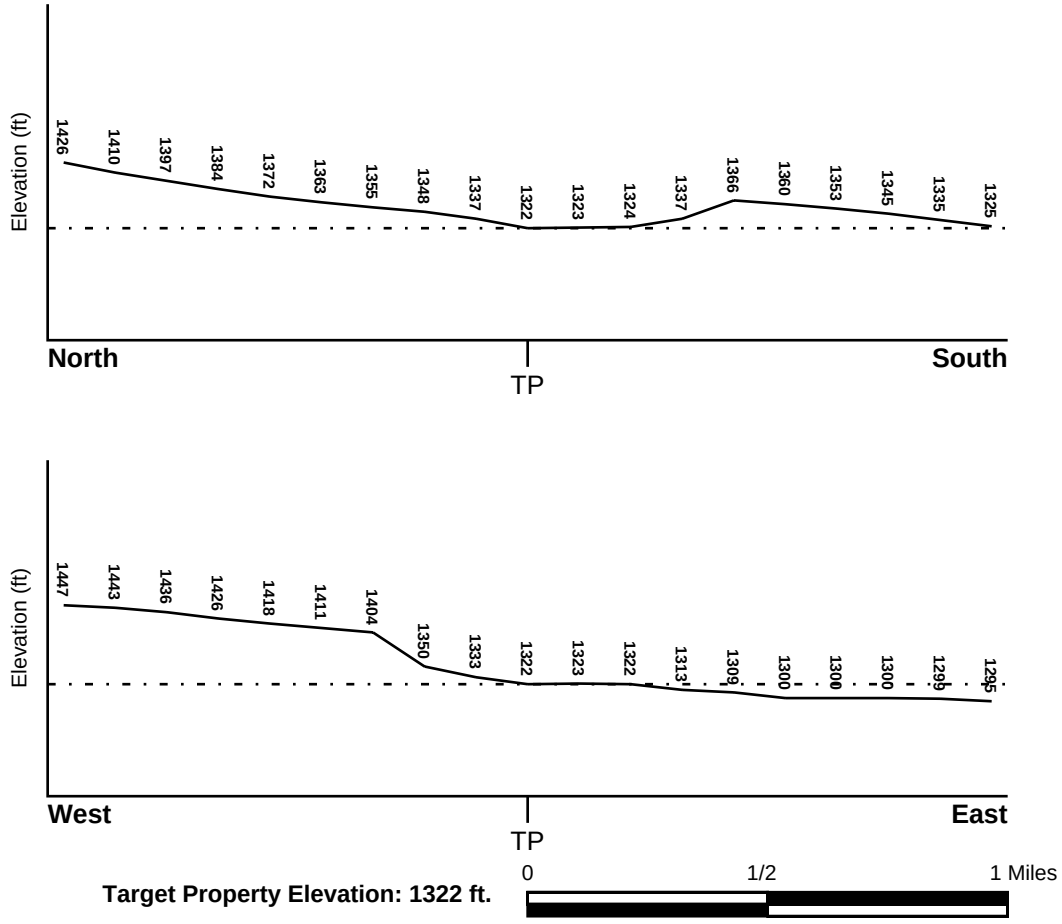
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06071C7940H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06071C7920H	FEMA FIRM Flood data
06071C8676H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

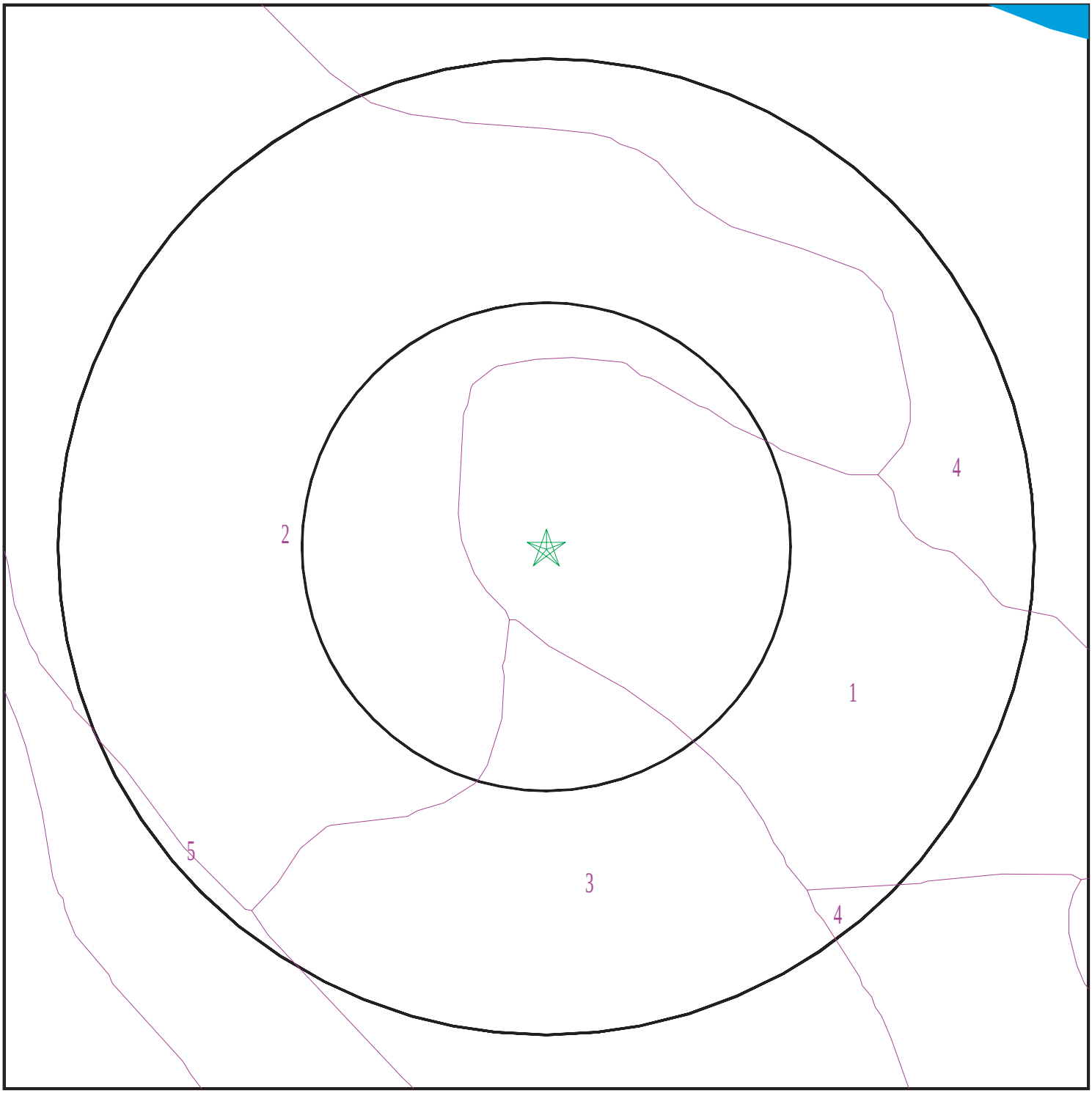
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5980133.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	2400 West Highland Avenue	CLIENT:	Tetra Tech Inc.
ADDRESS:	2400 West Highland Avenue San Bernardino Cnty CA 92407	CONTACT:	Tanya Maclean
		INQUIRY #:	5980133.2s
LAT/LONG:	34.138912 / 117.360724	DATE:	February 21, 2020 11:40 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: PITS

Soil Surface Texture: very gravelly coarse sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	very gravelly coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141 Min: 42	Max: Min:
2	5 inches	59 inches	extremely gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand.	Max: 141 Min: 42	Max: Min:

Soil Map ID: 2

Soil Component Name: Soboba

Soil Surface Texture: very stony loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	very stony loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 141	Max: 7.8 Min: 6.6
2	9 inches	59 inches	very stony sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 141	Max: 7.8 Min: 6.6

Soil Map ID: 3

Soil Component Name: TUJUNGA

Soil Surface Texture: gravelly loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	35 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1
2	35 inches	59 inches	gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.1

Soil Map ID: 4

Soil Component Name: FLUVENTS

Soil Surface Texture: gravelly sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	9 inches	29 inches	stratified gravelly sand to gravelly loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	29 inches	59 inches	stratified gravelly sand to gravelly loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

Soil Map ID: 5

Soil Component Name: TUJUNGA

Soil Surface Texture: gravelly loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1
2	18 inches	59 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS40000142038	1/2 - 1 Mile NNW
3	USGS40000142049	1/2 - 1 Mile NNW
B7	USGS40000141811	1/2 - 1 Mile WSW
B8	USGS40000141810	1/2 - 1 Mile WSW
B9	USGS40000141808	1/2 - 1 Mile WSW
B10	USGS40000141809	1/2 - 1 Mile WSW
11	USGS40000141815	1/2 - 1 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
17	USGS40000141718	1/2 - 1 Mile SE
24	USGS40000141753	1/2 - 1 Mile ESE
D26	USGS40000141998	1/2 - 1 Mile ENE
E27	USGS40000141726	1/2 - 1 Mile SE
G31	USGS40000142105	1/2 - 1 Mile NNW
E32	USGS40000141717	1/2 - 1 Mile SE
33	USGS40000141695	1/2 - 1 Mile SE
G34	USGS40000142106	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

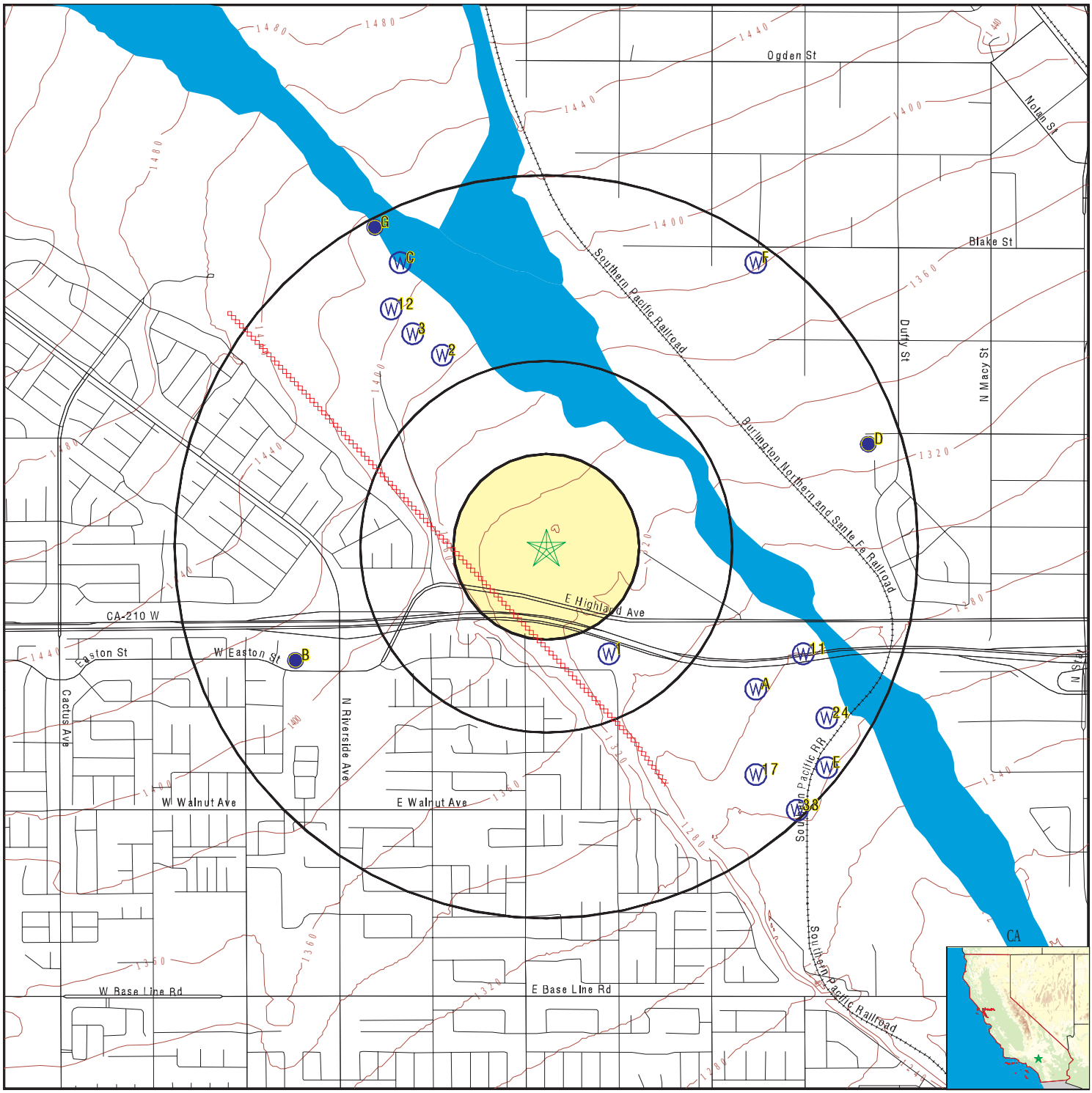
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	203	1/4 - 1/2 Mile SSE
A4	204	1/2 - 1 Mile SE
A5	205	1/2 - 1 Mile SE
A6	3124	1/2 - 1 Mile SE
12	CADWR8000007211	1/2 - 1 Mile NNW
B13	CADWR8000007059	1/2 - 1 Mile WSW
B14	CADWR8000007058	1/2 - 1 Mile WSW
B15	CADWR8000007061	1/2 - 1 Mile WSW
B16	CADWR8000007060	1/2 - 1 Mile WSW
C18	190	1/2 - 1 Mile NNW
C19	189	1/2 - 1 Mile NNW
C20	188	1/2 - 1 Mile NNW
C21	196	1/2 - 1 Mile NNW
C22	192	1/2 - 1 Mile NNW
C23	191	1/2 - 1 Mile NNW
D25	138	1/2 - 1 Mile ENE
F28	18726	1/2 - 1 Mile NE
F29	195	1/2 - 1 Mile NE
G30	CADWR8000007243	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 5980133.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 2400 West Highland Avenue	CLIENT: Tetra Tech Inc.
ADDRESS: 2400 West Highland Avenue San Bernardino Cnty CA 92407	CONTACT: Tanya Maclean
LAT/LONG: 34.138912 / 117.360724	INQUIRY #: 5980133.2s DATE: February 21, 2020 11:40 am

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Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSE
1/4 - 1/2 Mile
Lower

CA WELLS **203**

Seq:	203	Prim sta c:	01N/05W-36C01 S
Frds no:	3610038005	County:	36
District:	13	User id:	TAN
System no:	3610038	Water type:	G
Source nam:	CITY WELL 03	Station ty:	WELL/AMBNT
Latitude:	340805.0	Longitude:	1172125.0
Precision:	2	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3610038	System nam:	Rialto-City
Hqname:	Not Reported	Address:	150 S PALM AVE
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	Not Reported
Pop serv:	48418	Connection:	11089
Area serve:	RIALTO		

Sample date:	09-JUL-13	Finding:	5.
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		

Sample date:	09-JUL-13	Finding:	69.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		

Sample date:	13-MAR-13	Finding:	5.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	13-FEB-13	Finding:	4.1
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		

Sample date:	13-FEB-13	Finding:	1.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	18-JUL-12	Finding:	6.5
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		

Sample date:	18-JUL-12	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	22-MAR-12	Finding:	30.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	22-MAR-12	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	22-MAR-12	Finding:	5.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAR-12	Finding:	23.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-MAR-12	Finding:	5.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	22-MAR-12	Finding:	6.1
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	22-MAR-12	Finding:	200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAR-12	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAR-12	Finding:	2.1
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	22-MAR-12	Finding:	1500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAR-12	Finding:	2.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAR-12	Finding:	33.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAR-12	Finding:	88.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAR-12	Finding:	150.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAR-12	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAR-12	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-MAR-12	Finding:	300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-MAR-12	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

Dlr:	0.1		
Sample date:	23-FEB-12	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	23-FEB-12	Finding:	4.7
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		

2
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000142038**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N005W25E001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	507
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

3
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000142049**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N005W26A003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	407
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

A4
SE
1/2 - 1 Mile
Lower

CA WELLS **204**

Seq:	204	Prim sta c:	01N/05W-36H04 S
Frds no:	3610004005	County:	36
District:	13	User id:	TAN
System no:	3610004	Water type:	G
Source nam:	WELL 07	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340800.0	Longitude:	1172100.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported

Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610004	System nam:	West San Bernardino Cwd
Hqname:	Not Reported	Address:	PO BOX 920
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	0920
Pop serv:	41454	Connection:	15052
Area serve:	RIALTO-BLOOMINGTON		
Sample date:	22-JUN-16	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-16	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-MAY-16	Finding:	4.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	15-MAR-16	Finding:	4.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	16-FEB-16	Finding:	4.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-JAN-16	Finding:	1.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JAN-16	Finding:	3.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-DEC-15	Finding:	1.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-DEC-15	Finding:	3.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-NOV-15	Finding:	3.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-OCT-15	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	08-OCT-15	Finding:	3.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	10-SEP-15	Finding:	1.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	10-SEP-15	Finding:	4.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-AUG-15	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	11-AUG-15	Finding:	4.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-JUL-15	Finding:	4.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-JUN-15	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	18-JUN-15	Finding:	1.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	18-JUN-15	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-MAY-15	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	07-MAY-15	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	10-APR-15	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	10-APR-15	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-MAR-15	Finding:	4.9
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	11-MAR-15	Finding:	4.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-MAR-15	Finding:	23.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	17.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	11-MAR-15	Finding:	4.5
Chemical:	MAGNESIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	11-MAR-15	Finding:	6.8e-002
Chemical:	PHOSPHATE, ORTHO	Report units:	MG/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	140.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	49.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	0.47
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	11-MAR-15	Finding:	0.129
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-MAR-15	Finding:	3.1
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	11-MAR-15	Finding:	1.5
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	1.3
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	11-MAR-15	Finding:	0.54
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	1.4
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	0.87
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	3.9e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dlr:	1.		
Sample date:	11-MAR-15	Finding:	0.634
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	11-MAR-15	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-FEB-15	Finding:	5.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-JAN-15	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-DEC-14	Finding:	1.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-DEC-14	Finding:	4.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-NOV-14	Finding:	4.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-SEP-14	Finding:	4.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-SEP-14	Finding:	1.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-AUG-14	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	26-AUG-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	29-JUL-14	Finding:	3.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-JUN-14	Finding:	19.9
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	330.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	25-JUN-14	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	45.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	4.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	16.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	2.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	4.9
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	18.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	25-JUN-14	Finding:	0.33
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	25-JUN-14	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-JUN-14	Finding:	130.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	25-JUN-14	Finding:	4.1
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	25-JUN-14	Finding:	200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	0.66
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	5.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	9.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	25-JUN-14	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	25-JUN-14	Finding:	11.85
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	2200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-MAY-14	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-MAY-14	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	22-APR-14	Finding:	4.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-MAR-14	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-MAR-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	24-FEB-14	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-JAN-14	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	16-JAN-14	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-DEC-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	13-DEC-13	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-NOV-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	21-NOV-13	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	24-OCT-13	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	30-SEP-13	Finding:	5.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-SEP-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	21-AUG-13	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-AUG-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	17-JUL-13	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-JUN-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	25-JUN-13	Finding:	4.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-MAY-13	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-APR-13	Finding:	3.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-MAR-13	Finding:	4.1
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	19-MAR-13	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-MAR-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-MAR-13	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-MAR-13	Finding:	7.1e-002
Chemical:	PHOSPHATE, ORTHO	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAR-13	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	19-MAR-13	Finding:	20.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAR-13	Finding:	17.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-MAR-13	Finding:	4.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAR-13	Finding:	46.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-FEB-13	Finding:	4.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	22-FEB-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	24-JAN-13	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	24-JAN-13	Finding:	0.7
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	12-DEC-12	Finding:	20.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	12-DEC-12	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-DEC-12	Finding:	18.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-DEC-12	Finding:	4.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-DEC-12	Finding:	46.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-DEC-12	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-DEC-12	Finding:	4.3
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	12-DEC-12	Finding:	4.3
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	12-DEC-12	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-NOV-12	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-OCT-12	Finding:	4.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	24-SEP-12	Finding:	6.1
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	24-SEP-12	Finding:	4.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	24-SEP-12	Finding:	21.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	24-SEP-12	Finding:	18.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	24-SEP-12	Finding:	49.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-SEP-12	Finding:	140.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-SEP-12	Finding:	7.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-SEP-12	Finding:	4.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-12	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	22-AUG-12	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	17-JUL-12	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	17-JUL-12	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	27-JUN-12	Finding:	5.2
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	27-JUN-12	Finding:	46.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	27-JUN-12	Finding:	23.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	4.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	18.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	23-MAY-12	Finding:	4.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-APR-12	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-MAR-12	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-MAR-12	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-MAR-12	Finding:	18.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-MAR-12	Finding:	21.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	12-MAR-12	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-MAR-12	Finding:	3.7
Chemical:	VANADIUM	Report units:	UG/L

Dlr:	3.		
Sample date:	12-MAR-12	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	24-FEB-12	Finding:	4.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	24-FEB-12	Finding:	0.8
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	26-JAN-12	Finding:	4.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

A5
SE
1/2 - 1 Mile
Lower

CA WELLS 205

Seq:	205	Prim sta c:	01N/05W-36J03 S
Frds no:	3610004006	County:	36
District:	13	User id:	TAN
System no:	3610004	Water type:	G
Source nam:	WELL 08	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340800.0	Longitude:	1172100.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610004	System nam:	West San Bernardino Cwd
Hqname:	Not Reported	Address:	PO BOX 920
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	0920
Pop serv:	41454	Connection:	15052
Area serve:	RIALTO-BLOOMINGTON		

A6
SE
1/2 - 1 Mile
Lower

CA WELLS 3124

Seq:	3124	Prim sta c:	036/004-003
Frds no:	3610004027	County:	36
District:	13	User id:	TAN
System no:	3610004	Water type:	G
Source nam:	WELL 36	Station ty:	WELL/AMBNT
Latitude:	340800.0	Longitude:	1172100.0
Precision:	Not Reported	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610004	System nam:	West San Bernardino Cwd

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Hqname:	Not Reported	Address:	PO BOX 920
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	0920
Pop serv:	41454	Connection:	15052
Area serve:	RIALTO-BLOOMINGTON		
Sample date:	13-DEC-12	Finding:	22.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	13-DEC-12	Finding:	380.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	13-DEC-12	Finding:	17.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	13-DEC-12	Finding:	23.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	13-DEC-12	Finding:	8.7
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	13-DEC-12	Finding:	47.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-DEC-12	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-DEC-12	Finding:	19.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	17.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	22.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	19.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	9.1
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	27-JUN-12	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	47.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B7
WSW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000141811**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N005W35B004S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19921014	Well Depth:	395
Well Depth Units:	ft	Well Hole Depth:	957
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	131	Level reading date:	2004-12-22
Feet below surface:	323.98	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2004-11-23	Feet below surface:	323.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-11-05	Feet below surface:	322.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-09-22	Feet below surface:	321.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-08-24	Feet below surface:	319.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-07-21	Feet below surface:	318.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-06-23	Feet below surface:	317.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-19	Feet below surface:	315.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-04-26	Feet below surface:	314.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-24	Feet below surface:	313.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-02-20	Feet below surface:	311.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-01-21	Feet below surface:	310.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-16	Feet below surface:	309.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-20	Feet below surface:	307.87
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-10-22	Feet below surface:	306.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-09-18	Feet below surface:	304.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-21	Feet below surface:	302.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-23	Feet below surface:	301.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-24	Feet below surface:	300.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-20	Feet below surface:	300.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-04-17	Feet below surface:	299.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-03-20	Feet below surface:	299.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-02-21	Feet below surface:	299.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-01-22	Feet below surface:	298.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-12-19	Feet below surface:	298.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-11-19	Feet below surface:	297.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-10-09	Feet below surface:	297.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-09-19	Feet below surface:	296.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-08-15	Feet below surface:	296.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-07-16	Feet below surface:	295.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-06-20	Feet below surface:	295.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-05-22	Feet below surface:	295.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-04-19	Feet below surface:	294.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-21	Feet below surface:	294.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-02-21	Feet below surface:	294.10
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2002-01-17	Feet below surface:	293.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-12-20	Feet below surface:	293.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-11-29	Feet below surface:	292.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-10-15	Feet below surface:	292.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-09-19	Feet below surface:	292.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-08-23	Feet below surface:	291.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-09	Feet below surface:	291.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-13	Feet below surface:	290.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-24	Feet below surface:	290.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-10	Feet below surface:	289.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-16	Feet below surface:	289.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-22	Feet below surface:	289.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-23	Feet below surface:	288.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-18	Feet below surface:	288.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-27	Feet below surface:	287.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-18	Feet below surface:	287.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-14	Feet below surface:	286.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-14	Feet below surface:	286.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-17	Feet below surface:	285.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-12	Feet below surface:	285.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	284.96
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-04-19	Feet below surface:	284.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-13	Feet below surface:	284.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-15	Feet below surface:	283.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-19	Feet below surface:	283.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	283.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-04	Feet below surface:	282.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	282.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-09-14	Feet below surface:	282.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-18	Feet below surface:	282.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-20	Feet below surface:	282.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-21	Feet below surface:	283.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-25	Feet below surface:	283.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-04-19	Feet below surface:	283.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-03-11	Feet below surface:	284.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-16	Feet below surface:	284.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-01-11	Feet below surface:	284.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-15	Feet below surface:	284.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-05	Feet below surface:	284.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-05	Feet below surface:	284.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-09-15	Feet below surface:	284.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-08-13	Feet below surface:	284.24
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1998-07-16	Feet below surface:	284.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-17	Feet below surface:	283.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-05-05	Feet below surface:	283.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-03	Feet below surface:	282.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-04	Feet below surface:	282.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-02-10	Feet below surface:	282.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-06	Feet below surface:	281.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-03	Feet below surface:	281.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-05	Feet below surface:	280.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-03	Feet below surface:	280.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-04	Feet below surface:	279.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-08	Feet below surface:	279.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-08	Feet below surface:	278.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-19	Feet below surface:	278.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-07	Feet below surface:	277.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-10	Feet below surface:	276.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-12	Feet below surface:	276.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-27	Feet below surface:	276.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-13	Feet below surface:	276.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-16	Feet below surface:	275.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-12-18	Feet below surface:	274.93
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1996-11-05	Feet below surface:	274.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-10-04	Feet below surface:	273.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-09-11	Feet below surface:	273.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-14	Feet below surface:	272.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-16	Feet below surface:	272.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-18	Feet below surface:	271.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-02	Feet below surface:	271.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-01	Feet below surface:	271.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-03-06	Feet below surface:	271.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-02-15	Feet below surface:	272.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-01-04	Feet below surface:	272.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-12-11	Feet below surface:	273.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-11-07	Feet below surface:	274.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-10-11	Feet below surface:	275.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-20	Feet below surface:	275.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-08-09	Feet below surface:	274.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-07-05	Feet below surface:	274.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-26	Feet below surface:	273.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-15	Feet below surface:	273.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-05-16	Feet below surface:	272.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-06	Feet below surface:	271.03
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1995-03-02	Feet below surface:	269.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-02-07	Feet below surface:	267.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-29	Feet below surface:	266.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-17	Feet below surface:	264.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-01	Feet below surface:	252.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-10	Feet below surface:	251.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-07	Feet below surface:	250.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-06-16	Feet below surface:	264.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-04-15	Feet below surface:	269.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-01-27	Feet below surface:	276.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-12-21	Feet below surface:	278.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-12-02	Feet below surface:	277.84
Feet to sea level:	Not Reported	Note:	Not Reported

B8
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000141810**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N005W35B003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19921014	Well Depth:	690
Well Depth Units:	ft	Well Hole Depth:	957
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	131	Level reading date:	2004-12-22
Feet below surface:	324.95	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-11-23	Feet below surface:	323.92
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-11-05	Feet below surface:	323.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-09-22	Feet below surface:	322.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-08-24	Feet below surface:	321.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-07-21	Feet below surface:	319.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-06-23	Feet below surface:	318.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-19	Feet below surface:	316.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-04-26	Feet below surface:	315.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-24	Feet below surface:	313.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-02-20	Feet below surface:	312.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-01-21	Feet below surface:	310.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-16	Feet below surface:	309.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-20	Feet below surface:	308.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-22	Feet below surface:	307.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-09-18	Feet below surface:	304.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-21	Feet below surface:	303.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-23	Feet below surface:	301.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-24	Feet below surface:	299.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-20	Feet below surface:	299.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-04-17	Feet below surface:	298.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-03-20	Feet below surface:	298.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-02-21	Feet below surface:	298.12
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-01-22	Feet below surface:	297.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-12-19	Feet below surface:	297.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-11-19	Feet below surface:	296.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-10-09	Feet below surface:	296.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-09-19	Feet below surface:	295.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-08-15	Feet below surface:	295.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-07-16	Feet below surface:	294.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-06-20	Feet below surface:	294.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-05-22	Feet below surface:	294.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-04-19	Feet below surface:	293.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-21	Feet below surface:	293.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-02-21	Feet below surface:	292.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-17	Feet below surface:	292.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-12-20	Feet below surface:	292.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-11-29	Feet below surface:	291.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-10-15	Feet below surface:	291.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-09-19	Feet below surface:	290.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-08-23	Feet below surface:	290.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-09	Feet below surface:	289.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-13	Feet below surface:	289.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-24	Feet below surface:	289.29
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-04-10	Feet below surface:	288.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-16	Feet below surface:	288.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-22	Feet below surface:	287.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-23	Feet below surface:	287.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-18	Feet below surface:	286.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-27	Feet below surface:	286.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-18	Feet below surface:	285.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-14	Feet below surface:	285.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-14	Feet below surface:	284.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-17	Feet below surface:	284.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-12	Feet below surface:	283.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	283.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-19	Feet below surface:	282.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-13	Feet below surface:	282.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-15	Feet below surface:	281.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-19	Feet below surface:	281.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	281.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-04	Feet below surface:	280.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	280.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-09-14	Feet below surface:	280.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-18	Feet below surface:	280.82
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1999-07-20	Feet below surface:	280.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-21	Feet below surface:	281.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-25	Feet below surface:	281.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-04-19	Feet below surface:	282.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-03-11	Feet below surface:	282.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-16	Feet below surface:	282.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-01-11	Feet below surface:	282.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-15	Feet below surface:	283.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-05	Feet below surface:	283.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-05	Feet below surface:	283.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-09-15	Feet below surface:	282.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-08-13	Feet below surface:	282.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-07-16	Feet below surface:	282.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-17	Feet below surface:	282.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-05-05	Feet below surface:	281.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-03	Feet below surface:	281.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-04	Feet below surface:	280.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-02-10	Feet below surface:	280.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-06	Feet below surface:	279.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-03	Feet below surface:	279.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-05	Feet below surface:	278.71
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-10-03	Feet below surface:	278.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-04	Feet below surface:	277.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-08	Feet below surface:	277.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-08	Feet below surface:	276.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-19	Feet below surface:	276.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-07	Feet below surface:	275.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-10	Feet below surface:	274.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-12	Feet below surface:	274.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-27	Feet below surface:	273.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-13	Feet below surface:	273.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-16	Feet below surface:	273.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-12-18	Feet below surface:	272.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-11-05	Feet below surface:	271.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-10-04	Feet below surface:	270.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-09-11	Feet below surface:	270.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-14	Feet below surface:	270.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-16	Feet below surface:	269.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-18	Feet below surface:	268.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-02	Feet below surface:	268.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-01	Feet below surface:	268.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-03-06	Feet below surface:	268.66
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1996-02-15	Feet below surface:	268.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-01-04	Feet below surface:	269.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-12-11	Feet below surface:	270.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-11-07	Feet below surface:	271.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-10-11	Feet below surface:	272.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-20	Feet below surface:	272.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-08-09	Feet below surface:	272.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-07-05	Feet below surface:	271.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-26	Feet below surface:	271.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-15	Feet below surface:	271.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-05-16	Feet below surface:	270.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-06	Feet below surface:	268.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-02	Feet below surface:	266.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-02-07	Feet below surface:	265.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-29	Feet below surface:	263.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-17	Feet below surface:	261.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-01	Feet below surface:	245.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-10	Feet below surface:	246.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-07	Feet below surface:	244.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-06-16	Feet below surface:	259.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-04-15	Feet below surface:	263.60
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1993-01-27	Feet below surface:	272.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-12-20	Feet below surface:	270.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-12-02	Feet below surface:	274.75
Feet to sea level:	Not Reported	Note:	Not Reported

B9
WSW **FED USGS** **USGS40000141808**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N005W35B001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19921014	Well Depth:	935
Well Depth Units:	ft	Well Hole Depth:	957
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	132	Level reading date:	2004-12-22
Feet below surface:	334.25	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-11-23	Feet below surface:	333.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-11-05	Feet below surface:	332.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-09-22	Feet below surface:	331.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-08-24	Feet below surface:	330.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-07-21	Feet below surface:	328.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-06-23	Feet below surface:	327.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-19	Feet below surface:	325.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-04-26	Feet below surface:	324.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-24	Feet below surface:	323.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-02-20	Feet below surface:	321.68
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-01-21	Feet below surface:	320.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-16	Feet below surface:	319.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-20	Feet below surface:	318.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-22	Feet below surface:	317.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-09-18	Feet below surface:	315.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-21	Feet below surface:	314.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-23	Feet below surface:	313.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-24	Feet below surface:	312.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-20	Feet below surface:	311.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-04-17	Feet below surface:	311.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-03-20	Feet below surface:	310.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-02-21	Feet below surface:	310.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-01-22	Feet below surface:	309.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-12-19	Feet below surface:	309.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-11-19	Feet below surface:	308.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-10-09	Feet below surface:	308.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-09-19	Feet below surface:	307.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-08-15	Feet below surface:	307.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-07-16	Feet below surface:	307.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-06-20	Feet below surface:	306.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-05-22	Feet below surface:	306.00
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2002-04-19	Feet below surface:	305.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-21	Feet below surface:	304.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-02-21	Feet below surface:	304.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-17	Feet below surface:	304.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-12-20	Feet below surface:	303.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-11-29	Feet below surface:	303.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-10-15	Feet below surface:	302.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-09-19	Feet below surface:	302.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-08-23	Feet below surface:	302.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-09	Feet below surface:	301.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-13	Feet below surface:	300.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-24	Feet below surface:	300.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-10	Feet below surface:	299.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-16	Feet below surface:	298.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-22	Feet below surface:	298.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-23	Feet below surface:	298.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-18	Feet below surface:	297.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-27	Feet below surface:	297.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-18	Feet below surface:	296.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-14	Feet below surface:	296.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-14	Feet below surface:	296.10
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-07-17	Feet below surface:	295.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-12	Feet below surface:	295.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	294.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-19	Feet below surface:	293.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-13	Feet below surface:	293.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-15	Feet below surface:	293.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-19	Feet below surface:	293.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	292.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-04	Feet below surface:	292.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	292.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-09-14	Feet below surface:	292.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-18	Feet below surface:	292.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-20	Feet below surface:	293.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-21	Feet below surface:	293.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-25	Feet below surface:	293.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-04-19	Feet below surface:	293.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-03-11	Feet below surface:	293.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-16	Feet below surface:	293.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-01-11	Feet below surface:	293.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-15	Feet below surface:	293.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-05	Feet below surface:	293.60
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1998-10-05	Feet below surface:	293.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-09-15	Feet below surface:	293.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-08-13	Feet below surface:	293.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-07-16	Feet below surface:	292.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-17	Feet below surface:	292.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-05-05	Feet below surface:	291.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-03	Feet below surface:	291.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-04	Feet below surface:	290.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-02-10	Feet below surface:	290.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-06	Feet below surface:	290.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-03	Feet below surface:	289.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-05	Feet below surface:	289.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-03	Feet below surface:	288.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-04	Feet below surface:	288.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-08	Feet below surface:	288.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-08	Feet below surface:	287.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-19	Feet below surface:	287.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-07	Feet below surface:	286.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-10	Feet below surface:	285.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-12	Feet below surface:	284.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-27	Feet below surface:	284.46
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-02-13	Feet below surface:	284.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-16	Feet below surface:	283.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-12-18	Feet below surface:	283.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-11-05	Feet below surface:	282.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-10-04	Feet below surface:	282.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-09-11	Feet below surface:	282.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-14	Feet below surface:	281.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-16	Feet below surface:	281.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-18	Feet below surface:	281.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-02	Feet below surface:	280.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-01	Feet below surface:	280.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-03-06	Feet below surface:	281.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-02-15	Feet below surface:	281.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-01-04	Feet below surface:	282.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-12-11	Feet below surface:	283.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-11-07	Feet below surface:	283.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-10-11	Feet below surface:	284.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-20	Feet below surface:	284.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-08-09	Feet below surface:	282.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-07-05	Feet below surface:	281.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-26	Feet below surface:	281.20
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1995-06-15	Feet below surface:	280.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-05-22	Feet below surface:	279.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-05-16	Feet below surface:	279.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-06	Feet below surface:	278.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-02	Feet below surface:	276.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-02-07	Feet below surface:	275.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-29	Feet below surface:	273.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-17	Feet below surface:	271.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-01	Feet below surface:	261.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-10	Feet below surface:	260.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-07	Feet below surface:	261.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-06-16	Feet below surface:	277.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-04-15	Feet below surface:	282.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-01-27	Feet below surface:	289.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-12-21	Feet below surface:	290.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-12-02	Feet below surface:	290.85
Feet to sea level:	Not Reported	Note:	Not Reported

B10
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000141809**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N005W35B002S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

Construction Date:	19921014	Well Depth:	815
Well Depth Units:	ft	Well Hole Depth:	957
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	131	Level reading date:	2004-12-22
Feet below surface:	334.28	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2004-11-23	Feet below surface:	333.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-11-05	Feet below surface:	332.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-09-22	Feet below surface:	331.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-08-24	Feet below surface:	330.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-07-21	Feet below surface:	328.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-06-23	Feet below surface:	327.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-19	Feet below surface:	325.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-04-26	Feet below surface:	324.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-24	Feet below surface:	323.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-02-20	Feet below surface:	321.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-01-21	Feet below surface:	320.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-16	Feet below surface:	319.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-20	Feet below surface:	318.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-22	Feet below surface:	317.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-09-18	Feet below surface:	315.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-21	Feet below surface:	314.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-23	Feet below surface:	313.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-24	Feet below surface:	312.50
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-05-20	Feet below surface:	311.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-04-17	Feet below surface:	311.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-03-20	Feet below surface:	310.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-02-21	Feet below surface:	310.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-01-22	Feet below surface:	309.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-12-19	Feet below surface:	309.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-11-19	Feet below surface:	308.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-10-09	Feet below surface:	308.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-09-19	Feet below surface:	307.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-08-15	Feet below surface:	307.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-07-16	Feet below surface:	307.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-06-20	Feet below surface:	306.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-05-22	Feet below surface:	306.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-04-19	Feet below surface:	305.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-21	Feet below surface:	304.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-02-21	Feet below surface:	304.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-17	Feet below surface:	304.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-12-20	Feet below surface:	303.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-11-29	Feet below surface:	303.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-10-15	Feet below surface:	302.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-09-19	Feet below surface:	302.35
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-08-23	Feet below surface:	302.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-09	Feet below surface:	301.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-13	Feet below surface:	300.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-24	Feet below surface:	300.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-10	Feet below surface:	299.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-16	Feet below surface:	298.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-22	Feet below surface:	298.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-23	Feet below surface:	298.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-18	Feet below surface:	297.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-27	Feet below surface:	297.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-18	Feet below surface:	296.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-14	Feet below surface:	296.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-14	Feet below surface:	296.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-17	Feet below surface:	295.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-12	Feet below surface:	295.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	294.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-19	Feet below surface:	294.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-13	Feet below surface:	293.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-15	Feet below surface:	293.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-19	Feet below surface:	293.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	292.85
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1999-11-04	Feet below surface:	292.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	292.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-09-14	Feet below surface:	292.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-18	Feet below surface:	292.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-20	Feet below surface:	293.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-21	Feet below surface:	293.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-25	Feet below surface:	293.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-04-19	Feet below surface:	293.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-03-11	Feet below surface:	293.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-16	Feet below surface:	293.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-01-11	Feet below surface:	293.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-15	Feet below surface:	293.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-05	Feet below surface:	293.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-05	Feet below surface:	293.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-09-15	Feet below surface:	293.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-08-13	Feet below surface:	293.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-07-16	Feet below surface:	292.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-17	Feet below surface:	292.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-05-05	Feet below surface:	291.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-03	Feet below surface:	291.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-04	Feet below surface:	290.71
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1998-02-10	Feet below surface:	290.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-06	Feet below surface:	290.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-03	Feet below surface:	289.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-05	Feet below surface:	289.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-03	Feet below surface:	289.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-04	Feet below surface:	288.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-08	Feet below surface:	288.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-08	Feet below surface:	287.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-19	Feet below surface:	287.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-07	Feet below surface:	286.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-10	Feet below surface:	285.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-12	Feet below surface:	284.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-27	Feet below surface:	284.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-13	Feet below surface:	284.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-16	Feet below surface:	283.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-12-18	Feet below surface:	283.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-11-05	Feet below surface:	282.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-10-04	Feet below surface:	282.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-09-11	Feet below surface:	282.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-14	Feet below surface:	281.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-16	Feet below surface:	281.58
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1996-06-18	Feet below surface:	281.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-02	Feet below surface:	281.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-01	Feet below surface:	280.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-03-06	Feet below surface:	281.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-02-15	Feet below surface:	281.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-01-04	Feet below surface:	282.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-12-11	Feet below surface:	283.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-11-07	Feet below surface:	283.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-10-11	Feet below surface:	284.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-20	Feet below surface:	284.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-08-09	Feet below surface:	282.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-07-05	Feet below surface:	281.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-26	Feet below surface:	281.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-15	Feet below surface:	280.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-05-16	Feet below surface:	279.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-06	Feet below surface:	277.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-02	Feet below surface:	276.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-02-07	Feet below surface:	275.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-12-29	Feet below surface:	273.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-17	Feet below surface:	273.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-01	Feet below surface:	261.14
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-03-10	Feet below surface:	260.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-07	Feet below surface:	261.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-06-16	Feet below surface:	277.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-04-15	Feet below surface:	281.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-01-27	Feet below surface:	289.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-12-22	Feet below surface:	290.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-12-02	Feet below surface:	290.17
Feet to sea level:	Not Reported	Note:	Not Reported

11
ESE **FED USGS** **USGS40000141815**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N004W31D001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19100101	Well Depth:	1000
Well Depth Units:	ft	Well Hole Depth:	1000
Well Hole Depth Units:	ft		

12
NNW **CA WELLS** **CADWR8000007211**
1/2 - 1 Mile
Higher

State Well #:	01N05W26A003S	Station ID:	46632
Well Name:	Well 4A	Well Use:	Residential
Well Type:	Single Well	Well Depth:	965
Basin Name:	Bunker Hill	Well Completion Rpt #:	779990

B13
WSW **CA WELLS** **CADWR8000007059**
1/2 - 1 Mile
Higher

State Well #:	01N05W35B002S	Station ID:	26809
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Rialto-Colton	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B14
WSW
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007058**

State Well #:	01N05W35B001S	Station ID:	3267
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Rialto-Colton	Well Completion Rpt #:	Not Reported

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B15
WSW
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007061**

State Well #:	01N05W35B004S	Station ID:	37907
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Rialto-Colton	Well Completion Rpt #:	Not Reported

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B16
WSW
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007060**

State Well #:	01N05W35B003S	Station ID:	4533
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Rialto-Colton	Well Completion Rpt #:	Not Reported

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17
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40000141718**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N005W36H004S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	475
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C18
NNW
1/2 - 1 Mile
Higher

CA WELLS **190**

Seq:	190	Prim sta c:	01N/05W-23Q01 S
Frds no:	3610038003	County:	36
District:	13	User id:	TAN
System no:	3610038	Water type:	G
Source nam:	CITY WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340900.0	Longitude:	1172200.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3610038	System nam:	Rialto-City
Hqname:	Not Reported	Address:	150 S PALM AVE
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	Not Reported
Pop serv:	48418	Connection:	11089
Area serve:	RIALTO		

C19
NNW
1/2 - 1 Mile
Higher

CA WELLS **189**

Seq:	189	Prim sta c:	01N/05W-23P04 S
Frds no:	3610004001	County:	36
District:	13	User id:	TAN
System no:	3610004	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340900.0	Longitude:	1172200.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3610004	System nam:	West San Bernardino Cwd
Hqname:	Not Reported	Address:	PO BOX 920
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	0920
Pop serv:	41454	Connection:	15052
Area serve:	RIALTO-BLOOMINGTON		

C20
NNW
1/2 - 1 Mile
Higher

CA WELLS **188**

Seq:	188	Prim sta c:	01N/05W-23K01 S
Frds no:	3610041005	County:	36
District:	13	User id:	TAN
System no:	3610041	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY

Latitude:	340900.0	Longitude:	1172200.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610041	System nam:	San Gabriel Valley Wc - Fontana
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P.O. BOX 987
City:	FONTANA	State:	CA
Zip:	92334	Zip ext:	Not Reported
Pop serv:	102599	Connection:	29314
Area serve:	FONTANA		

C21
NNW
1/2 - 1 Mile
Higher

CA WELLS 196

Seq:	196	Prim sta c:	01N/05W-26A03 S
Frds no:	3610004003	County:	36
District:	13	User id:	TAN
System no:	3610004	Water type:	G
Source nam:	WELL 04	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340900.0	Longitude:	1172200.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610004	System nam:	West San Bernardino Cwd
Hqname:	Not Reported	Address:	PO BOX 920
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	0920
Pop serv:	41454	Connection:	15052
Area serve:	RIALTO-BLOOMINGTON		

C22
NNW
1/2 - 1 Mile
Higher

CA WELLS 192

Seq:	192	Prim sta c:	01N/05W-23R03 S
Frds no:	3610004002	County:	36
District:	13	User id:	TAN
System no:	3610004	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340900.0	Longitude:	1172200.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610004	System nam:	West San Bernardino Cwd
Hqname:	Not Reported	Address:	PO BOX 920
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	0920
Pop serv:	41454	Connection:	15052

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Area serve: RIALTO-BLOOMINGTON

Sample date:	07-MAR-18	Finding:	4.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-FEB-18	Finding:	5.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-JAN-18	Finding:	8.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-DEC-17	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	06-DEC-17	Finding:	8.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-NOV-17	Finding:	6.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	10-OCT-17	Finding:	6.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-SEP-17	Finding:	6.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	01-AUG-17	Finding:	9.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-JUL-17	Finding:	29.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUL-17	Finding:	0.25
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	12-JUL-17	Finding:	8.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-JUL-17	Finding:	1.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-JUL-17	Finding:	4.8
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	12-JUL-17	Finding:	4.4
Chemical:	METHYL-TERT-BUTYL-ETHER (MTBE)	Report units:	UG/L
Dlr:	3.		

Sample date:	12-JUL-17	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	12-JUL-17	Finding:	5.7
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-17	Finding:	15.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	17.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	6.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	62.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	180.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-17	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	2.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUN-17	Finding:	4.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-MAY-17	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	04-MAY-17	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-APR-17	Finding:	5.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-APR-17	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-MAR-17	Finding:	3.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-DEC-16	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	22-NOV-16	Finding:	7.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-OCT-16	Finding:	4.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-SEP-16	Finding:	0.5
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	02-AUG-16	Finding:	8.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-JUL-16	Finding:	1.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JUL-16	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-JUL-16	Finding:	4.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-JUN-16	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-MAY-16	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-APR-16	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	12-APR-16	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-APR-16	Finding:	7.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-MAR-16	Finding:	6.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	03-FEB-16	Finding:	7.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-JAN-16	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JAN-16	Finding:	7.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-DEC-15	Finding:	7.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-DEC-15	Finding:	1.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-NOV-15	Finding:	7.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-OCT-15	Finding:	7.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	17-SEP-15	Finding:	8.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-AUG-15	Finding:	9.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-JUL-15	Finding:	7.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	17-JUN-15	Finding:	8.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	13-MAY-15	Finding:	7.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	13-APR-15	Finding:	8.4
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	11-MAR-15	Finding:	6.
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	11-MAR-15	Finding:	8.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-MAR-15	Finding:	24.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	6.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	57.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	170.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	8.3e-002
Chemical:	PHOSPHATE, ORTHO	Report units:	MG/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	0.47
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	11-MAR-15	Finding:	0.104
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	0.539
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	0.88
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	1.3
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	0.73
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	11-MAR-15	Finding:	1.8
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	11-MAR-15	Finding:	1.9
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	8.1
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	11-MAR-15	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-MAR-15	Finding:	8.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-MAR-15	Finding:	24.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-FEB-15	Finding:	8.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	15-JAN-15	Finding:	9.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-DEC-14	Finding:	1.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-DEC-14	Finding:	8.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-NOV-14	Finding:	6.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	24-SEP-14	Finding:	8.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	27-AUG-14	Finding:	9.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-JUL-14	Finding:	8.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-JUN-14	Finding:	150.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	4100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	18-JUN-14	Finding:	12.04
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	0.22
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	0.85
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	5.
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	18-JUN-14	Finding:	7.1
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-JUN-14	Finding:	0.33
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-JUN-14	Finding:	23.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-JUN-14	Finding:	18.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	350.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	160.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	51.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	5.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	18-JUN-14	Finding:	14.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	8.3
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	28-MAY-14	Finding:	5.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-MAR-14	Finding:	9.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-MAR-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	29-JAN-14	Finding:	9.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-DEC-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	20-NOV-13	Finding:	0.9
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	30-OCT-13	Finding:	0.9
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	25-SEP-13	Finding:	9.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-AUG-13	Finding:	8.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	24-JUL-13	Finding:	9.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-JUN-13	Finding:	0.13
Chemical:	PHOSPHATE, ORTHO	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	4.6
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	12-JUN-13	Finding:	9.9
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	12-JUN-13	Finding:	23.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	20.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUN-13	Finding:	4.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	45.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUN-13	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	23-MAY-13	Finding:	9.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-APR-13	Finding:	9.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	26-MAR-13	Finding:	4.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-MAR-13	Finding:	44.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-MAR-13	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-MAR-13	Finding:	6.1
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	26-MAR-13	Finding:	0.11
Chemical:	PHOSPHATE, ORTHO	Report units:	MG/L
Dlr:	0.		
Sample date:	26-MAR-13	Finding:	21.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	26-MAR-13	Finding:	9.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	26-MAR-13	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-MAR-13	Finding:	19.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	26-FEB-13	Finding:	8.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	29-JAN-13	Finding:	9.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	29-JAN-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	18-DEC-12	Finding:	5.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-DEC-12	Finding:	22.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	18-DEC-12	Finding:	19.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-DEC-12	Finding:	4.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-DEC-12	Finding:	5.
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	18-DEC-12	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-DEC-12	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-DEC-12	Finding:	45.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-NOV-12	Finding:	9.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-OCT-12	Finding:	9.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-SEP-12	Finding:	6.7
Chemical:	VANADIUM	Report units:	UG/L

Dlr:	3.		
Sample date:	25-SEP-12	Finding:	8.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-SEP-12	Finding:	21.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	20.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	25-SEP-12	Finding:	9.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	25-SEP-12	Finding:	47.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	140.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	6.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	4.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-AUG-12	Finding:	9.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	24-JUL-12	Finding:	8.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-JUN-12	Finding:	9.5
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-JUN-12	Finding:	6.
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	14-JUN-12	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-JUN-12	Finding:	140.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-JUN-12	Finding:	47.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	14-JUN-12	Finding:	4.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-JUN-12	Finding:	19.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-JUN-12	Finding:	21.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	17-MAY-12	Finding:	9.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	04-APR-12	Finding:	8.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-MAR-12	Finding:	22.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	06-MAR-12	Finding:	20.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-MAR-12	Finding:	9.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-MAR-12	Finding:	5.7
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	06-MAR-12	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	06-MAR-12	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-MAR-12	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	23-FEB-12	Finding:	9.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-JAN-12	Finding:	8.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C23
NNW
1/2 - 1 Mile
Higher | **CA WELLS** | **191**

Seq:	191	Prim sta c:	01N/05W-23Q02 S
Frds no:	3610038004	County:	36
District:	13	User id:	TAN
System no:	3610038	Water type:	G
Source nam:	CITY WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340900.0	Longitude:	1172200.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3610038	System nam:	Rialto-City
Hqname:	Not Reported	Address:	150 S PALM AVE
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	Not Reported
Pop serv:	48418	Connection:	11089
Area serve:	RIALTO		

Sample date:	20-MAR-18	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	20-MAR-18	Finding:	180.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	13-FEB-18	Finding:	180.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	10-JAN-18	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	12-DEC-17	Finding:	180.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	15-NOV-17	Finding:	170.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	11-OCT-17	Finding:	200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	13-SEP-17	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	23-AUG-17	Finding:	160.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	11-JUL-17	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JUN-17	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-MAY-17	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-17	Finding:	180.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAR-17	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-MAR-17	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	10-MAR-17	Finding:	3.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	10-MAR-17	Finding:	180.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	1.08
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	6.8e-002
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	0.618
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	1.73
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	02-FEB-17	Finding:	0.886
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	1.03
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	0.47
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	0.363
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	02-FEB-17	Finding:	0.192
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	16.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-FEB-17	Finding:	2.7
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	12.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	4.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	45.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-17	Finding:	150.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-JAN-17	Finding:	170.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	06-JAN-17	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-DEC-16	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-DEC-16	Finding:	200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-NOV-16	Finding:	200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-NOV-16	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-OCT-16	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-OCT-16	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-16	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-16	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	01-SEP-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-AUG-16	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-AUG-16	Finding:	160.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-JUN-16	Finding:	220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUN-16	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	19-MAY-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-MAY-16	Finding:	150.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-APR-16	Finding:	17.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	29-APR-16	Finding:	3.3
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	29-APR-16	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-APR-16	Finding:	13.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-APR-16	Finding:	4.4
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-APR-16	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-APR-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-APR-16	Finding:	160.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	29-APR-16	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-APR-16	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-APR-16	Finding:	320.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	29-APR-16	Finding:	160.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-APR-16	Finding:	43.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	30-NOV-15	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-NOV-15	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-OCT-15	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-SEP-15	Finding:	170.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-AUG-15	Finding:	200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-JUL-15	Finding:	170.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAR-15	Finding:	6.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-FEB-15	Finding:	4.8
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-FEB-15	Finding:	1.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-FEB-15	Finding:	2.6
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-FEB-15	Finding:	17.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-FEB-15	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-FEB-15	Finding:	6.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-FEB-15	Finding:	43.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-FEB-15	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-FEB-15	Finding:	150.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	17-FEB-15	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-FEB-15	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-FEB-15	Finding:	340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-FEB-15	Finding:	12.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JAN-15	Finding:	4.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-JAN-15	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	21-JAN-15	Finding:	6.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-DEC-14	Finding:	0.949
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-DEC-14	Finding:	1.23
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-NOV-14	Finding:	4.7
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-SEP-14	Finding:	1.25
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-SEP-14	Finding:	4.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-SEP-14	Finding:	1.23
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	26-JUN-14	Finding:	4.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	26-JUN-14	Finding:	1.03
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	26-JUN-14	Finding:	0.877
Chemical:	GROSS BETA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	26-JUN-14	Finding:	0.985
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	26-JUN-14	Finding:	1.11
Chemical:	GROSS BETA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-APR-14	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-MAR-14	Finding:	4.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	28-MAR-14	Finding:	5.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-MAR-14	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-MAR-14	Finding:	6.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-MAR-14	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-MAR-14	Finding:	17.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-MAR-14	Finding:	2.7
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-MAR-14	Finding:	1.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-MAR-14	Finding:	12.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-MAR-14	Finding:	4.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-MAR-14	Finding:	45.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-MAR-14	Finding:	130.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	14-MAR-14	Finding:	160.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-MAR-14	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-MAR-14	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-MAR-14	Finding:	300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-MAR-14	Finding:	250.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-FEB-14	Finding:	0.125
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-FEB-14	Finding:	0.199
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-FEB-14	Finding:	0.999
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-FEB-14	Finding:	0.517
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-FEB-14	Finding:	1.2
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-FEB-14	Finding:	3.1
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	19-FEB-14	Finding:	0.363
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	11-DEC-13	Finding:	4.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-DEC-13	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	11-DEC-13	Finding:	5.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	29-JUL-13	Finding:	5.7
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JUL-13	Finding:	16.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JUL-13	Finding:	63.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	3.4
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	13-MAR-13	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUL-12	Finding:	5.7
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	24-FEB-12	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	24-FEB-12	Finding:	4.3
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		

24
ESE **FED USGS** **USGS40000141753**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N004W31D002S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19160101	Well Depth:	714
Well Depth Units:	ft	Well Hole Depth:	775
Well Hole Depth Units:	ft		

D25
ENE **CA WELLS** **138**
1/2 - 1 Mile
Higher

Seq:	138	Prim sta c:	01N/04W-30M01 S
Frds no:	3610039035	County:	36
District:	13	User id:	TAN
System no:	3610039	Water type:	G
Source nam:	MALLORY WELL	Station ty:	WELL/AMBNT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude:	340834.0	Longitude:	1172042.0
Precision:	2	Status:	AR
Comment 1:	FORMERLY OWNED BY SAN BERNARDINO WATER UTILITIES CORPORATION WHICH IS		
Comment 2:	NOW DEFUNCT	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	3610039	System nam:	San Bernardino City
Hqname:	SAN BERNARDINO MUN WATER DEPT.	Address:	P.O. BOX 710,
City:	SAN BERNARDINO	State:	CA
Zip:	92402	Zip ext:	Not Reported
Pop serv:	139789	Connection:	39453
Area serve:	SAN BERNARDINO		
Sample date:	03-APR-18	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-MAR-18	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-FEB-18	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-JAN-18	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-JAN-18	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-DEC-17	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-OCT-17	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-OCT-17	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-SEP-17	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-AUG-17	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-AUG-17	Finding:	220.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	29-AUG-17	Finding:	66.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	14.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	17.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	11.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	44.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	330.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	3.8
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-AUG-17	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUL-17	Finding:	15.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUL-17	Finding:	4.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUL-17	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-JUL-17	Finding:	1.1
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-JUL-17	Finding:	350.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUL-17	Finding:	0.54
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	26-JUL-17	Finding:	46.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	26-JUL-17	Finding:	12.
Chemical:	CHLORIDE	Report units:	MG/L

Dlr:	0.		
Sample date:	26-JUL-17	Finding:	3.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUL-17	Finding:	17.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUL-17	Finding:	68.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUL-17	Finding:	230.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUL-17	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUL-17	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUL-17	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUL-17	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-JUL-17	Finding:	520.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	25-JUL-17	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-MAY-17	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-APR-17	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-APR-17	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAR-17	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-JAN-17	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	24-JAN-17	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-OCT-16	Finding:	3.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-AUG-16	Finding:	42.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	23-AUG-16	Finding:	14.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	340.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	17.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	11.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	220.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	23-AUG-16	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-AUG-16	Finding:	66.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUL-16	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-APR-16	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JAN-16	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-OCT-15	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-OCT-15	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-AUG-15	Finding:	230.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	04-AUG-15	Finding:	67.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	14.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	16.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	12.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	40.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-AUG-15	Finding:	220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-15	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JUL-15	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-APR-15	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-JAN-15	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-OCT-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-AUG-14	Finding:	14.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	69.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	230.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	16.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	26-AUG-14	Finding:	14.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	410.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-AUG-14	Finding:	40.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	29-JUL-14	Finding:	520.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	29-JUL-14	Finding:	6200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-JUL-14	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-JUL-14	Finding:	11.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	29-JUL-14	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JUL-14	Finding:	0.26
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-JUL-14	Finding:	310.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JUL-14	Finding:	0.7
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	29-JUL-14	Finding:	43.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	29-JUL-14	Finding:	13.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JUL-14	Finding:	3.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JUL-14	Finding:	16.
Chemical:	SODIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	29-JUL-14	Finding:	14.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JUL-14	Finding:	69.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JUL-14	Finding:	230.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JUL-14	Finding:	220.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JUL-14	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JUL-14	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-APR-14	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-DEC-13	Finding:	6.e-002
Chemical:	FOAMING AGENTS (MBAS)	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-13	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-13	Finding:	14.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-13	Finding:	68.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-13	Finding:	230.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-13	Finding:	17.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-13	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-13	Finding:	320.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	20-AUG-13	Finding:	38.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-AUG-13	Finding:	11.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-13	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-AUG-12	Finding:	14.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-12	Finding:	16.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-12	Finding:	9.2
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-12	Finding:	33.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-AUG-12	Finding:	220.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-12	Finding:	64.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-AUG-12	Finding:	320.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

D26
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000141998**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N004W30M001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19590506	Well Depth:	652
Well Depth Units:	ft	Well Hole Depth:	652
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	9	Level reading date:	1989-09-25
Feet below surface:	245.97	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1988-11-21	Feet below surface:	225.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-07-06	Feet below surface:	Not Reported
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1987-12-20	Feet below surface:	210
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1987-06-18	Feet below surface:	194.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-11-24	Feet below surface:	Not Reported
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1986-06-25	Feet below surface:	Not Reported
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1986-04-08	Feet below surface:	165.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-05-06	Feet below surface:	275
Feet to sea level:	Not Reported	Note:	Not Reported

E27
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000141726

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N004W31E002S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

F28
NE
1/2 - 1 Mile
Higher

CA WELLS 18726

Seq:	18726	Prim sta c:	3610004-033
Frds no:	3610004033	County:	36
District:	13	User id:	TAN
System no:	3610004	Water type:	G
Source nam:	WELL 05A	Station ty:	WELL/AMBNT/MUN/INTAKE/SYPPLY
Latitude:	340900.0	Longitude:	1172100.1
Precision:	9	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610004	System nam:	West San Bernardino Cwd

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Hqname:	Not Reported	Address:	PO BOX 920
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	0920
Pop serv:	41454	Connection:	15052
Area serve:	RIALTO-BLOOMINGTON		
Sample date:	21-MAR-18	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	21-MAR-18	Finding:	2.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-FEB-18	Finding:	2.6
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	07-FEB-18	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	13-DEC-17	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	11-SEP-17	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	09-AUG-17	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	12-JUL-17	Finding:	9.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	2.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	6.2
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	18.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUL-17	Finding:	0.24
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	12-JUL-17	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	12-JUL-17	Finding:	1.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	12-JUL-17	Finding:	5.8
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	12-JUL-17	Finding:	200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	4.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-17	Finding:	48.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	160.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-17	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JUL-17	Finding:	16.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-SEP-16	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-SEP-16	Finding:	210.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-AUG-16	Finding:	210.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JUL-16	Finding:	200.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JUL-16	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L

Dlr:	1.		
Sample date:	20-JUL-16	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	10-JUN-16	Finding:	210.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JUN-16	Finding:	3.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-APR-16	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-MAR-16	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-FEB-16	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	07-JAN-16	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	17-NOV-15	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	08-JUL-15	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	13-MAY-15	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-APR-15	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	11-MAR-15	Finding:	4.
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	11-MAR-15	Finding:	1.4
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	0.65
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	1.2
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	11-MAR-15	Finding:	0.88
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	0.567
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	3.8e-002
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	11-MAR-15	Finding:	0.127
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-MAR-15	Finding:	0.47
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	11-DEC-14	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	24-SEP-14	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	18-JUN-14	Finding:	2.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	18.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-JUN-14	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-JUN-14	Finding:	2.4
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	18-JUN-14	Finding:	5.5
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	18-JUN-14	Finding:	220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	0.83
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	0.17
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported

Dlr:	0.		
Sample date:	18-JUN-14	Finding:	12.02
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	3100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JUN-14	Finding:	12.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	9.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	47.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	150.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	16.7
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	18-JUN-14	Finding:	4.9
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	06-MAR-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-FEB-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	29-JAN-14	Finding:	0.5
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	18-DEC-13	Finding:	0.8
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	25-SEP-13	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	28-AUG-13	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	12-JUN-13	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	23-MAY-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	26-MAR-13	Finding:	2.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	26-FEB-13	Finding:	0.8
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	28-AUG-12	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	24-JUL-12	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-JUN-12	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-JUN-12	Finding:	2.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	06-MAR-12	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	06-MAR-12	Finding:	2.2
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

F29
NE
1/2 - 1 Mile
Higher

CA WELLS **195**

Seq:	195	Prim sta c:	01N/05W-25E01 S
Frds no:	3610004004	County:	36
District:	13	User id:	TAN
System no:	3610004	Water type:	G

Source nam:	WELL 05 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340900.0	Longitude:	1172100.0
Precision:	8	Status:	IR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610004	System nam:	West San Bernardino Cwd
Hqname:	Not Reported	Address:	PO BOX 920
City:	RIALTO	State:	CA
Zip:	92376	Zip ext:	0920
Pop serv:	41454	Connection:	15052
Area serve:	RIALTO-BLOOMINGTON		

G30
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007243**

State Well #:	01N05W23Q003S	Station ID:	46678
Well Name:	Well 2	Well Use:	Residential
Well Type:	Single Well	Well Depth:	900
Basin Name:	Bunker Hill	Well Completion Rpt #:	Not Reported

G31
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000142105**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N005W23R003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	900
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

E32
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40000141717**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N004W31E001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	764
Well Depth Units:	ft	Well Hole Depth:	764

Well Hole Depth Units: ft

33
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40000141695**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N005W36J003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	629
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

G34
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000142106**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N005W23Q003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Cenozoic Erathem	Aquifer Type:	Unconfined single aquifer
Construction Date:	Not Reported	Well Depth:	900
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	3	Level reading date:	2004-06-08
Feet below surface:	350	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2000-05	Feet below surface:	155
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-04-01	Feet below surface:	121
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92377	4	0

Federal EPA Radon Zone for SAN BERNARDINO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.678 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX C
EDR HISTORICAL DOCUMENTATION

2400 West Highland Avenue

2400 West Highland Avenue

San Bernardino Cnty, CA 92407

Inquiry Number: 5980133.8

February 21, 2020

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

02/21/20

Site Name:

2400 West Highland Avenue
2400 West Highland Avenue
San Bernardino Cnty, CA 9240
EDR Inquiry # 5980133.8

Client Name:

Tetra Tech Inc.
17885 Von Karman Ave
Irvine, CA 92614
Contact: Tanya Maclean

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=625'	Flight Year: 2016	USDA/NAIP
2012	1"=625'	Flight Year: 2012	USDA/NAIP
2009	1"=625'	Flight Year: 2009	USDA/NAIP
2006	1"=625'	Flight Year: 2006	USDA/NAIP
1995	1"=625'	Acquisition Date: October 03, 1995	USGS/DOQQ
1989	1"=625'	Flight Date: August 15, 1989	USDA
1985	1"=625'	Flight Date: July 28, 1985	USDA
1975	1"=625'	Flight Date: August 01, 1975	USGS
1968	1"=625'	Flight Date: August 21, 1968	USDA
1966	1"=625'	Flight Date: April 16, 1966	USGS
1959	1"=625'	Flight Date: October 15, 1959	USDA
1953	1"=625'	Flight Date: January 23, 1953	USDA
1949	1"=625'	Flight Date: May 06, 1949	USDA
1938	1"=625'	Flight Date: July 04, 1938	USDA
1930	1"=625'	Flight Date: March 25, 1930	FAIR

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INQUIRY #: 5980133.8

YEAR: 2016

= 625'

N

EDR


SITE
INQUIRY #: 5980133.8
YEAR: 2012
= 625'
N
EDR



INQUIRY #: 5980133.8

YEAR: 2009

= 625'

N

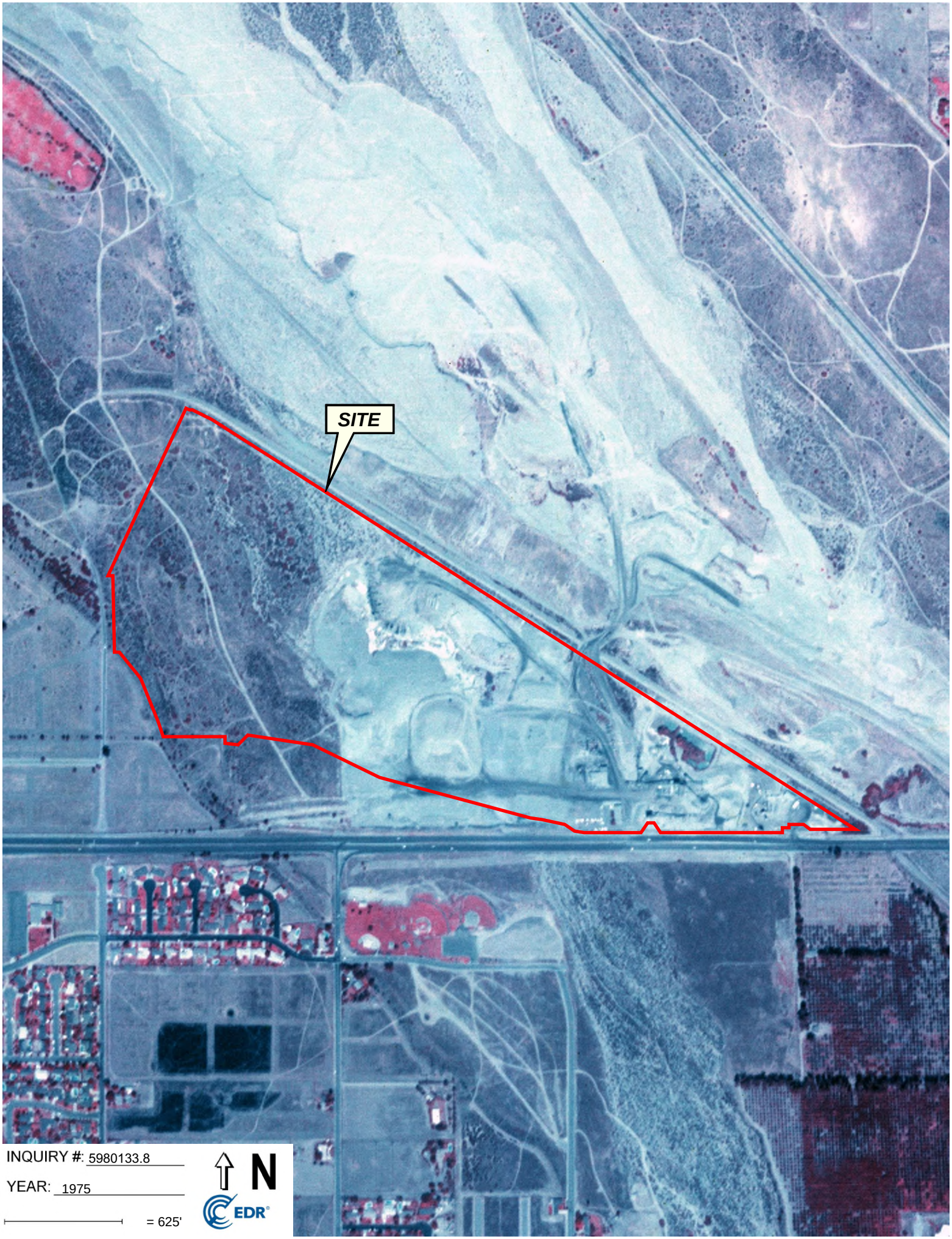
EDR


SITE
INQUIRY #: 5980133.8
YEAR: 2006
= 625'
N
EDR


SITE
INQUIRY #: 5980133.8
YEAR: 1995
= 625'
N
EDR


SITE
INQUIRY #: 5980133.8
YEAR: 1989
= 625'
N
EDR


SITE
INQUIRY #: 5980133.8
YEAR: 1985
= 625'
N
EDR



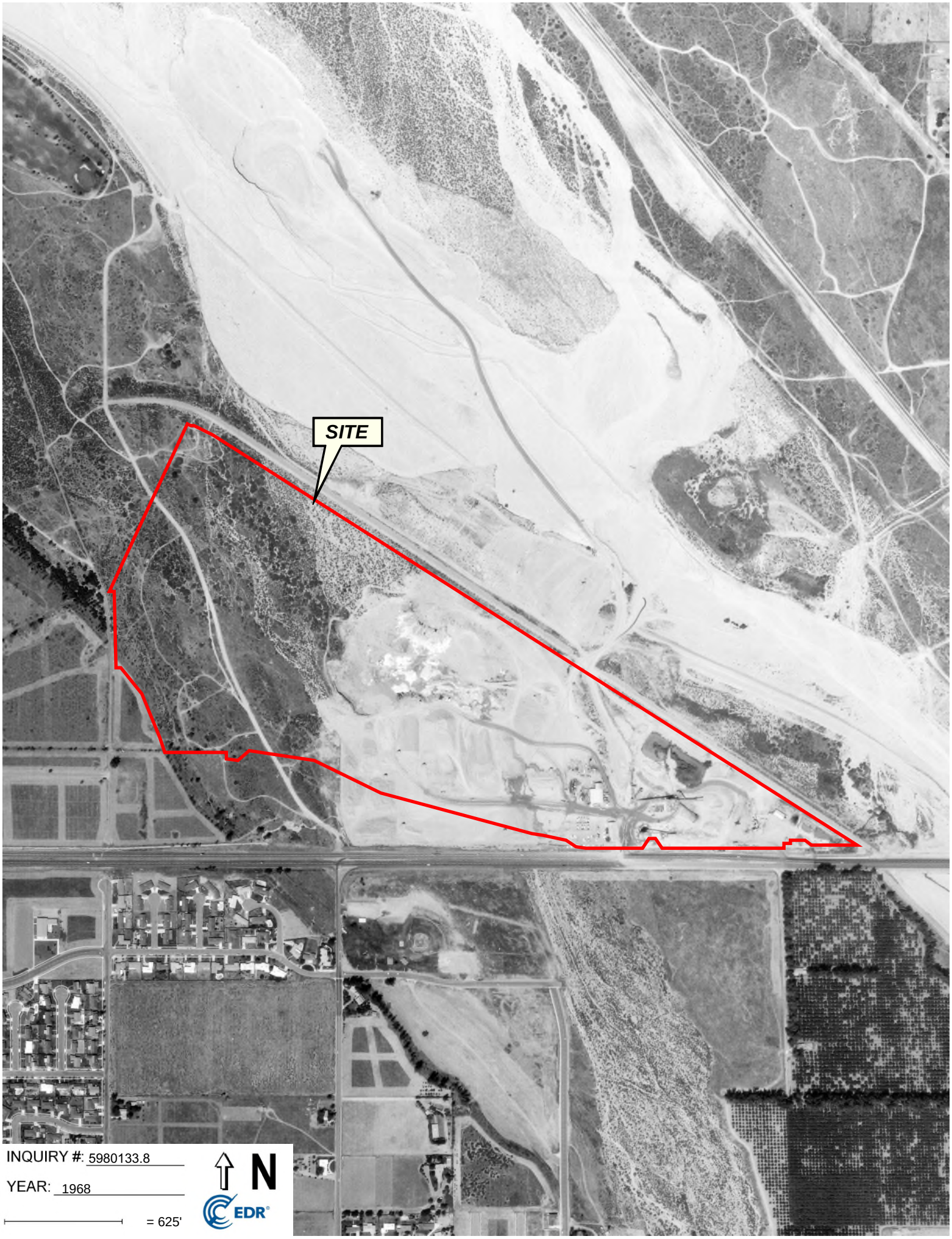
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YEAR: 1975

= 625'

N

EDR



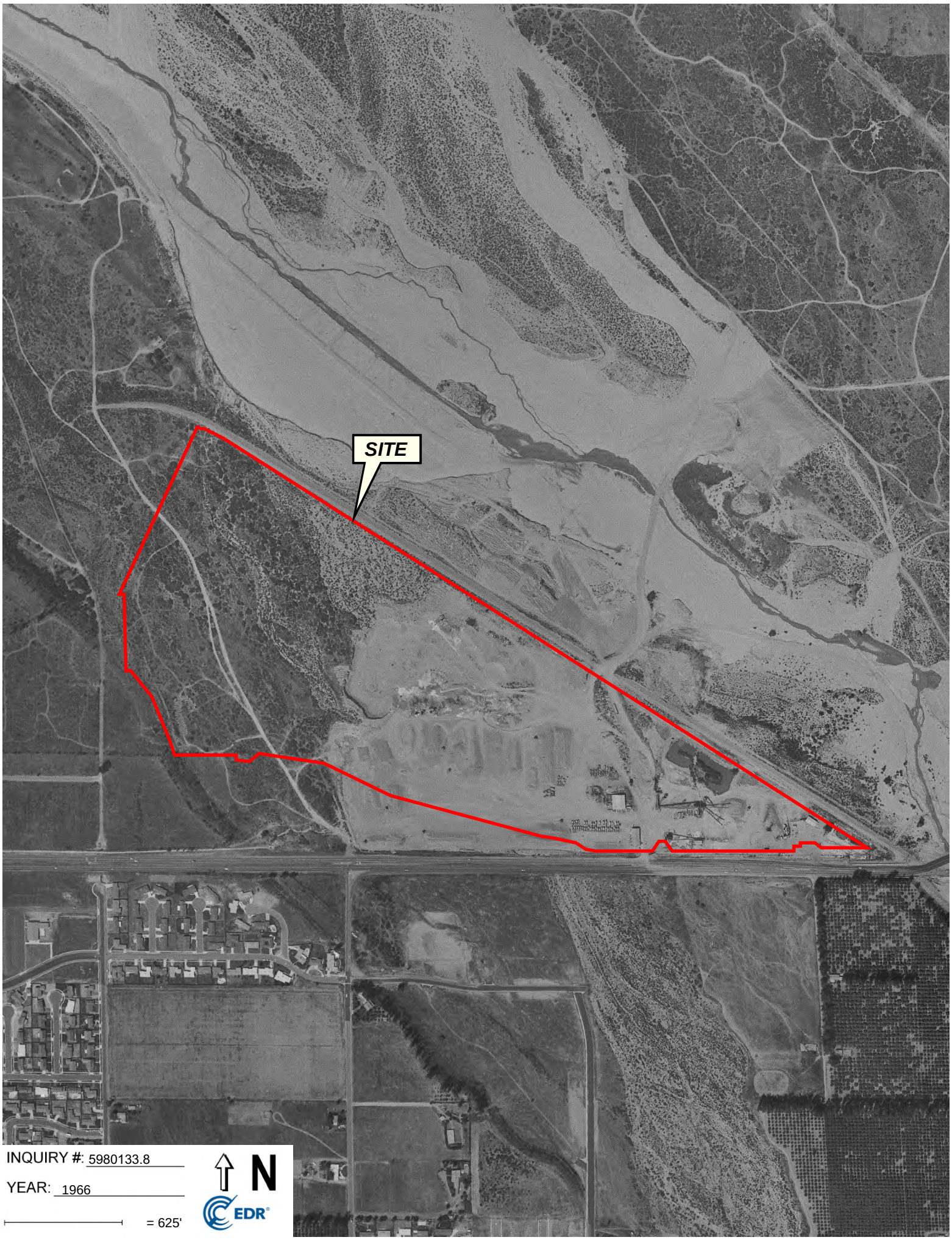
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YEAR: 1968

= 625'

N

EDR



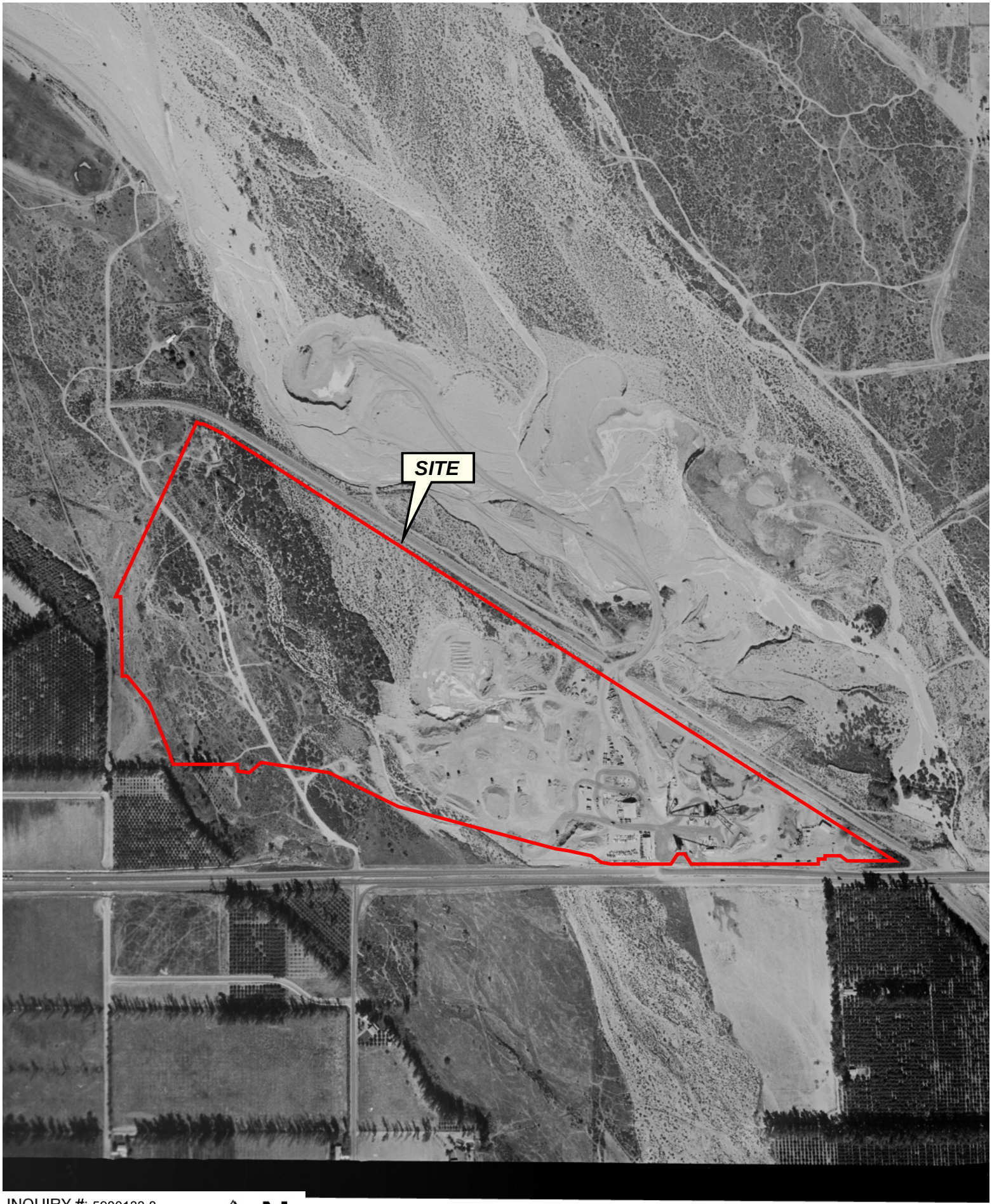
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YEAR: 1966

= 625'

N

EDR



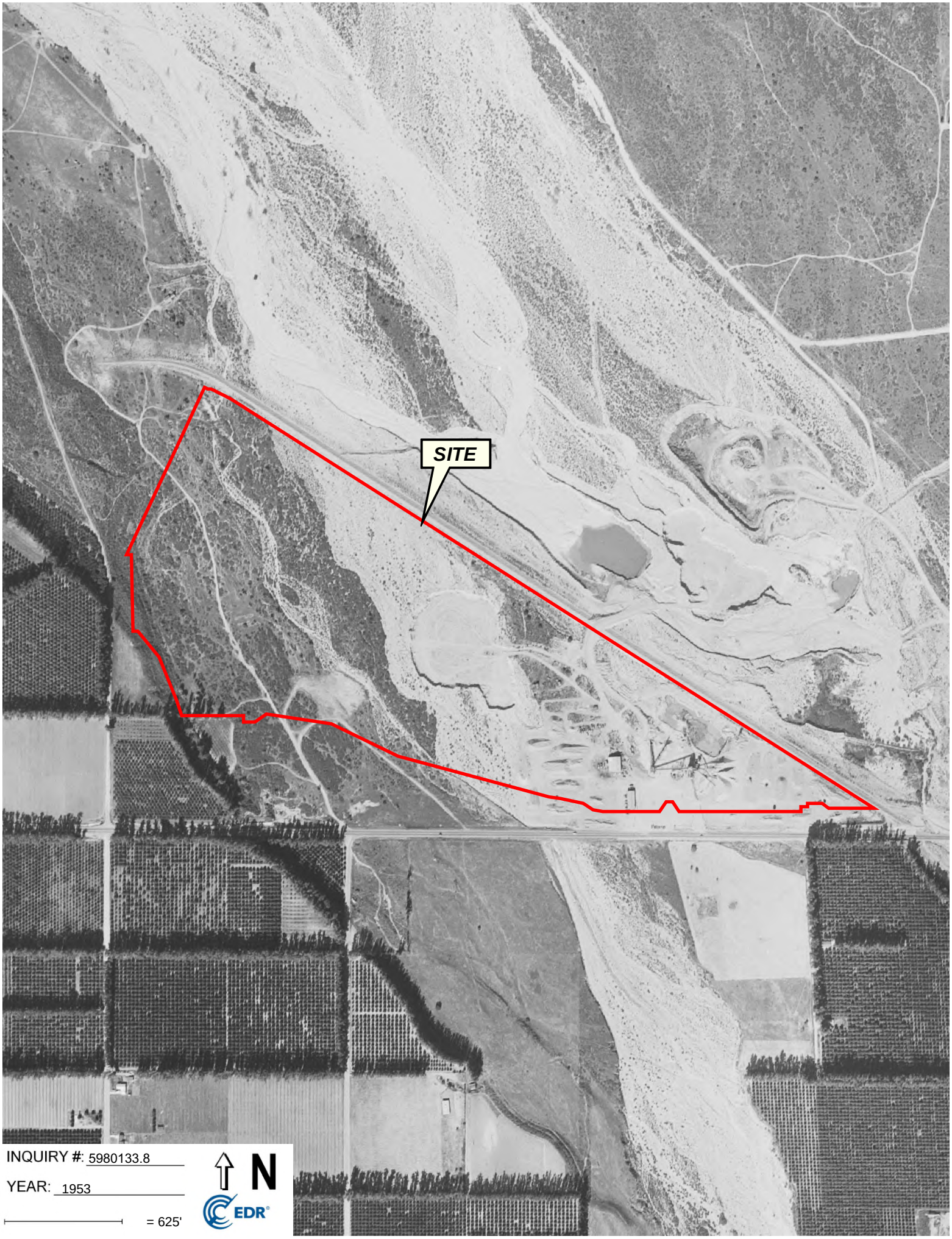
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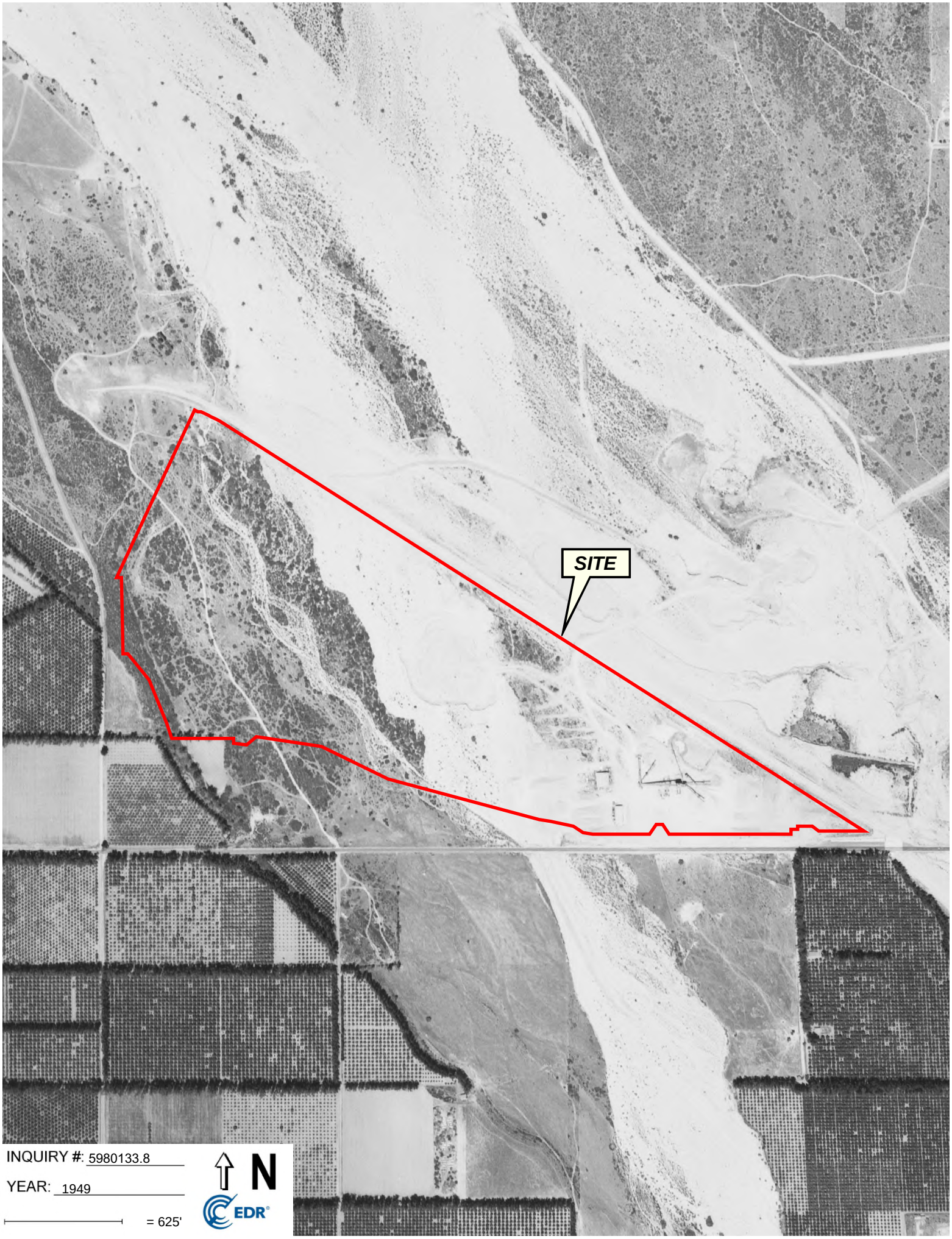
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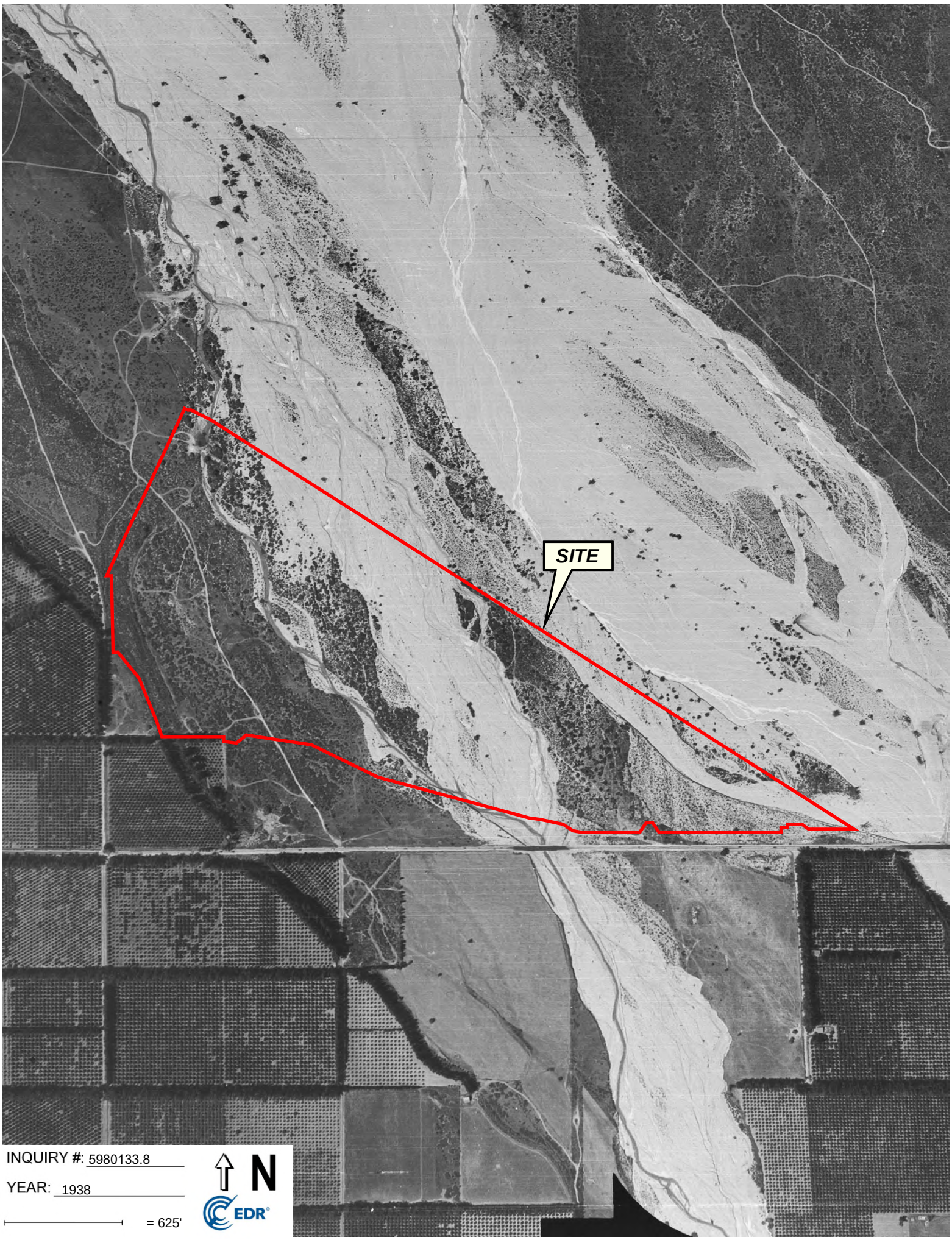
= 625'

N

EDR


SITE
INQUIRY #: 5980133.8
YEAR: 1953
= 625'
N
EDR


SITE
INQUIRY #: 5980133.8
YEAR: 1949
= 625'
N
EDR



INQUIRY #: 5980133.8

YEAR: 1938

= 625'

N

EDR



INQUIRY #: 5980133.8

YEAR: 1930

= 625'

N

EDR

2400 West Highland Avenue
2400 West Highland Avenue
San Bernardino Cnty, CA 92407

Inquiry Number: 5980133.5
February 24, 2020

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

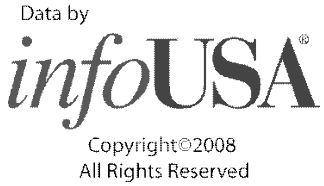
Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2010. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 1320 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2010	EDR Digital Archive	-	X	X	-
2008	Haines Company, Inc.	X	X	X	-
2003	Haines & Co Publishers	X	X	X	-
2002	SBC PACIFIC BELL	X	X	X	-
1996	GTE	-	-	-	-
1995	GTE Directories	-	-	-	-
1991	GTE California Incorporated	X	X	X	-
1990	GTE California Incorporated	-	-	-	-
1985	GTE	-	-	-	-
1981	General Telephone Company of California	-	-	-	-
1980	GTE	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1975	Pacific Telephone Co	X	X	X	-
1970	General Telephone Company of California	-	X	X	-
1965	GTE	-	-	-	-
1964	Luskey Brothers & Co	-	-	-	-
1961	Luskey Brothers& Co Publishers	-	-	-	-
1960	Luskey Brothers & Co Publishers	-	-	-	-
1956	General Telephone Company Publishers	-	-	-	-
1955	Luskey Brothers Co Publishers	-	-	-	-
1951	Los Angeles Directory Co Publishers	-	-	-	-
1950	The Pacific Telephone and Telegraph Co	-	-	-	-
1949	San Bernardino Directory Co. Publishers	-	-	-	-
1946	Los Angeles Directory Company Publishers	-	-	-	-
1945	Southern Califronia Telephone Company	X	-	X	-
1942	San Bernardino Directory Co Publisher	-	-	-	-
1941	Associated Telephone Company Limited	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
1936	San Bernardino Directory Co Publisher	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	-	-	-
1930	San Bernardino Directory Co Publisher	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Company	-	-	-	-
1922	R.L. Polk & Co Publishers	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
2400 West Highland Avenue	Client Entered	
2340 West Highland Avenue	Client Entered	
2350 East Highland Avenue	Client Entered	
2184 North Oakdale Avenue	Client Entered	X
2135 North Oakdale Avenue	Client Entered	X
1974 North Oakdale Avenue	Client Entered	X
1973 North Oakdale Avenue	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

2400 West Highland Avenue
San Bernardino Cnty, CA 92407

FINDINGS DETAIL

Target Property research detail.

East Highland Avenue

2350 East Highland Avenue

Year	*Uses*	*Source*

Highland Ave

2400 Highland Ave

Year	*Uses*	*Source*
1945	Triangle Certified Concrete Inc	Southern California Telephone Company
	Triangle Rock & Gravel Co	Southern California Telephone Company

W Highland Ave

2400 W Highland Ave

Year	*Uses*	*Source*
2008	CALMAT CO CONCRETE AGGRGTE DIV	Haines Company, Inc.
2003	CALMAT CO CONCRETE AGGRGTE DIV	Haines & Co Publishers
	NO# VULCAN MATERIALS CO WSTRN DIV	Haines & Co Publishers
	VULCAN MATERIALS	Haines & Co Publishers
2002	AGGREGATE DIVISION	SBC PACIFIC BELL
	CALMAT CO CONCRETE	SBC PACIFIC BELL
1991	CAL MAT CO CONCRETE AGGREGATE DIVISION	GTE California Incorporated
1975	CONROCK CO	Pacific Telephone Co
1945	Triangle Certified Concrete Inc	Southern California Telephone Company
	Triangle Rock & Gravel Co	Southern California Telephone Company

FINDINGS

West Highland Avenue

2340 West Highland Avenue

Year	*Uses*	*Source*

2400 West Highland Avenue

Year	*Uses*	*Source*

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

E Highland Ave

20200 E Highland Ave

Year	Uses	Source
2010	RIALTO EASTERN LITTLE LEAGUE	EDR Digital Archive
	RIALTO EASTERN LITTLE LEAGUE	EDR Digital Archive

20350 E Highland Ave

Year	Uses	Source
2010	LEGACY VULCAN CORP	EDR Digital Archive
	LEGACY VULCAN CORP	EDR Digital Archive

HIGHLAND

20350 HIGHLAND

Year	Uses	Source
1970	Industrial Asphalt Inc	General Telephone Company of California

HIGHLAND AVE

20200 HIGHLAND AVE

Year	Uses	Source
2002	CLUB RIALTO EASTERN LITTLE	SBC PACIFIC BELL
	LEAGUE	SBC PACIFIC BELL

20350 HIGHLAND AVE

Year	Uses	Source
2002	DIVISION	SBC PACIFIC BELL
	COMPANY WESTERN	SBC PACIFIC BELL
	VULCAN MATERIALS	SBC PACIFIC BELL
1991	From Colton Telephones Call	GTE California Incorporated
	INDUSTRIAL ASPHALT	GTE California Incorporated
1975	Induistrial Asphalt Inc	Pacific Telephone Co

FINDINGS

JOYCE AVE N

1961 JOYCE AVE N

Year	Uses	Source
2003	CRUZ Jose	Haines & Co Publishers

1973 JOYCE AVE N

Year	Uses	Source
2003	GOWENS Vem	Haines & Co Publishers

1979 JOYCE AVE N

Year	Uses	Source
2003	HERNANDEZ William	Haines & Co Publishers

N JOYCE AVE

1961 N JOYCE AVE

Year	Uses	Source
2008	SOTO Antonio	Haines Company, Inc.
1991	Glawe Larry E	GTE California Incorporated

1973 N JOYCE AVE

Year	Uses	Source
2008	GOWENS Vem	Haines Company, Inc.
2002	Gowens Vern	SBC PACIFIC BELL
1991	Gowens Vern	GTE California Incorporated

1979 N JOYCE AVE

Year	Uses	Source
2008	LANDICHO R	Haines Company, Inc.

North Oakdale Avenue

1973 North Oakdale Avenue

Year	Uses	Source
2008	MOLETT Mark	Haines Company, Inc.
2003	GARCIA Lizette	Haines & Co Publishers
	MOLETT Mark	Haines & Co Publishers
2002	Garcia Lizette	SBC PACIFIC BELL

FINDINGS

1974 North Oakdale Avenue

Year	Uses	Source
2008	SMITH Oscar	Haines Company, Inc.
2003	SMITH Oscar	Haines & Co Publishers

2135 North Oakdale Avenue

Year	Uses	Source
2008	HERNANDEZ Peria	Haines Company, Inc.
	INTERNATL FINANCIAL SERVICES	Haines Company, Inc.
2003	ALPHA TECHNOLOGY	Haines & Co Publishers
	HERNANDEZ Benjamine S	Haines & Co Publishers
	INTERNATIONAL FINANCIAL SVCS	Haines & Co Publishers
	INTERNATL FINANCIAL SERVICES	Haines & Co Publishers
	UNICARE INC	Haines & Co Publishers
2002	Hernandez Benjamine S	SBC PACIFIC BELL
	UNICAREINC	SBC PACIFIC BELL
	INTERNATL FINANCIAL	SBC PACIFIC BELL
	SERVICES	SBC PACIFIC BELL
	INTERNATIONAL FINANCIAL	SBC PACIFIC BELL
	SERVICES	SBC PACIFIC BELL
	ALPHA TECHNOLOGY	SBC PACIFIC BELL

2184 North Oakdale Avenue

Year	Uses	Source
2008	MONCADA Ramona	Haines Company, Inc.
2003	MONCADA Edward	Haines & Co Publishers

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1961 JOYCE AVE N	2010, 2008, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1961 N JOYCE AVE	2010, 2003, 2002, 1996, 1995, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1973 JOYCE AVE N	2010, 2008, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1973 N JOYCE AVE	2010, 2003, 1996, 1995, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1973 North Oakdale Avenue	2010, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1974 North Oakdale Avenue	2010, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1979 JOYCE AVE N	2010, 2008, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
1979 N JOYCE AVE	2010, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
20200 E Highland Ave	2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
20200 E Highland Ave	2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
20200 HIGHLAND AVE	2010, 2008, 2003, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
20350 E Highland Ave	2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
20350 E Highland Ave	2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
20350 HIGHLAND	2010, 2008, 2003, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
20350 HIGHLAND AVE	2010, 2008, 2003, 1996, 1995, 1990, 1985, 1981, 1980, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
2135 North Oakdale Avenue	2010, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922
2184 North Oakdale Avenue	2010, 2002, 1996, 1995, 1991, 1990, 1985, 1981, 1980, 1975, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1945, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
2400 West Highland Avenue	2010, 1996, 1995, 1990, 1985, 1981, 1980, 1970, 1965, 1964, 1961, 1960, 1956, 1955, 1951, 1950, 1949, 1946, 1942, 1941, 1940, 1938, 1936, 1934, 1931, 1930, 1926, 1923, 1922

2400 West Highland Avenue

2400 West Highland Avenue

San Bernardino Cnty, CA 92407

Inquiry Number: 5980133.3

February 21, 2020

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

02/21/20

Site Name:	Client Name:
2400 West Highland Avenue	Tetra Tech Inc.
2400 West Highland Avenue	17885 Von Karman Ave
San Bernardino Cnty, CA 9240	Irvine, CA 92614
EDR Inquiry # 5980133.3	Contact: Tanya Maclean

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 06BC-4CF0-BD68

PO # NA

Project T40431

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 06BC-4CF0-BD68

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- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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2400 West Highland Avenue

2400 West Highland Avenue

San Bernardino Cnty, CA 92407

Inquiry Number: 5980133.4

February 21, 2020

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

02/21/20

Site Name:	Client Name:
2400 West Highland Avenue	Tetra Tech Inc.
2400 West Highland Avenue	17885 Von Karman Ave
San Bernardino Cnty, CA 9240	Irvine, CA 92614
EDR Inquiry # 5980133.4	Contact: Tanya Maclean

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: T40431

Coordinates:

Latitude:	34.13891 34° 8' 20" North
Longitude:	-117.36072 -117° 21' 39" West
UTM Zone:	Zone 11 North
UTM X Meters:	466742.53
UTM Y Meters:	3777616.97
Elevation:	1321.40' above sea level

Maps Provided:

2012	1953, 1954
1996	1942
1988	1941
1980	1936, 1938
1975	1901
1973	1898
1966, 1967	1896
1954	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



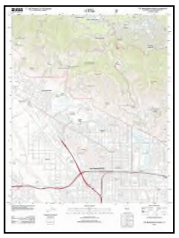
Devore

7.5-minute, 24000



Fontana

7.5-minute, 24000



San Bernardino North

7.5-minute, 24000



San Bernardino South

7.5-minute, 24000

1996 Source Sheets



San Bernardino North

7.5-minute, 24000
Aerial Photo Revised 1994



Devore

7.5-minute, 24000
Aerial Photo Revised 1994

1988 Source Sheets



Devore

7.5-minute, 24000
Aerial Photo Revised 1985



San Bernardino North

7.5-minute, 24000
Aerial Photo Revised 1985

1980 Source Sheets



Devore

7.5-minute, 24000
Aerial Photo Revised 1978



Fontana

7.5-minute, 24000
Aerial Photo Revised 1978



San Bernardino North

7.5-minute, 24000
Aerial Photo Revised 1978



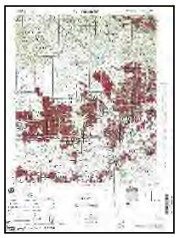
San Bernardino South

7.5-minute, 24000
Aerial Photo Revised 1979

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1975 Source Sheets



SAN BERNARDINO

15-minute, 50000

1973 Source Sheets



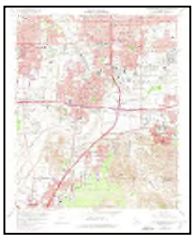
San Bernardino North

7.5-minute, 24000
Aerial Photo Revised 1966



Fontana

7.5-minute, 24000
Aerial Photo Revised 1973



San Bernardino South

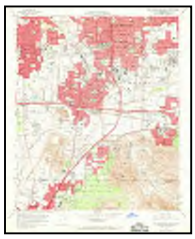
7.5-minute, 24000
Aerial Photo Revised 1973

1966, 1967 Source Sheets



Devore

7.5-minute, 24000
Aerial Photo Revised 1966



San Bernardino South

7.5-minute, 24000
Aerial Photo Revised 1966



San Bernardino North

7.5-minute, 24000
Aerial Photo Revised 1966



Fontana

7.5-minute, 24000
Aerial Photo Revised 1966

1954 Source Sheets



San Bernardino

15-minute, 62500
Aerial Photo Revised 1952

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953, 1954 Source Sheets



Fontana

7.5-minute, 24000
Aerial Photo Revised 1952



San Bernardino South

7.5-minute, 24000
Aerial Photo Revised 1952



Devore

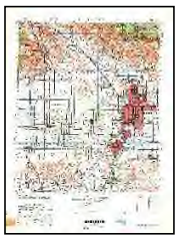
7.5-minute, 24000
Aerial Photo Revised 1952



San Bernardino North

7.5-minute, 24000
Aerial Photo Revised 1952

1942 Source Sheets



SAN BERNARDINO

15-minute, 50000

1941 Source Sheets



Arrowhead

7.5-minute, 31680



Devore

7.5-minute, 31680

1936, 1938 Source Sheets



Arrowhead

7.5-minute, 31680



Devore

7.5-minute, 31680



Colton

7.5-minute, 31680

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1901 Source Sheets



San Bernardino

15-minute, 62500

1898 Source Sheets



San Bernardino

15-minute, 62500

1896 Source Sheets

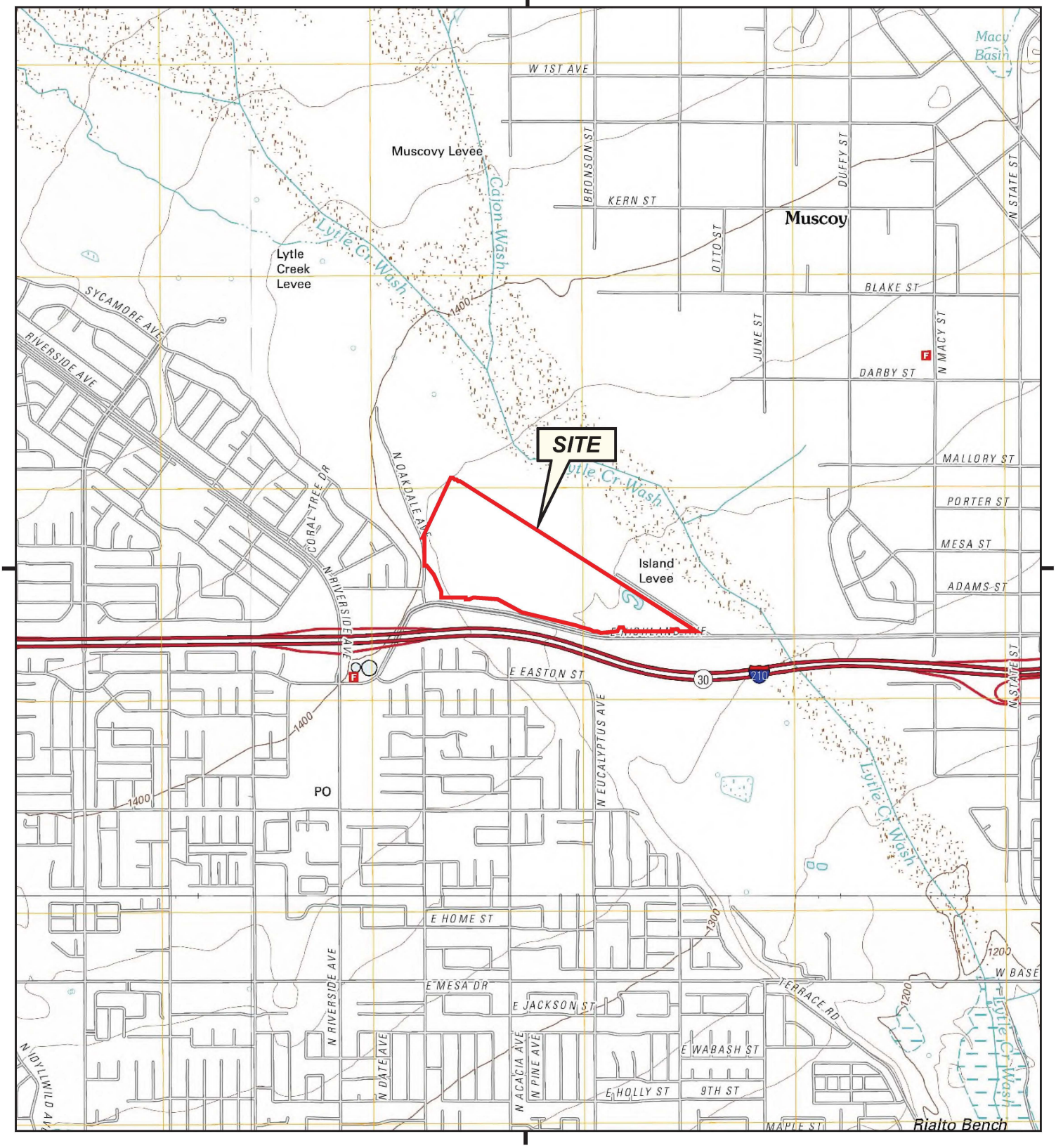


San Bernardino

15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

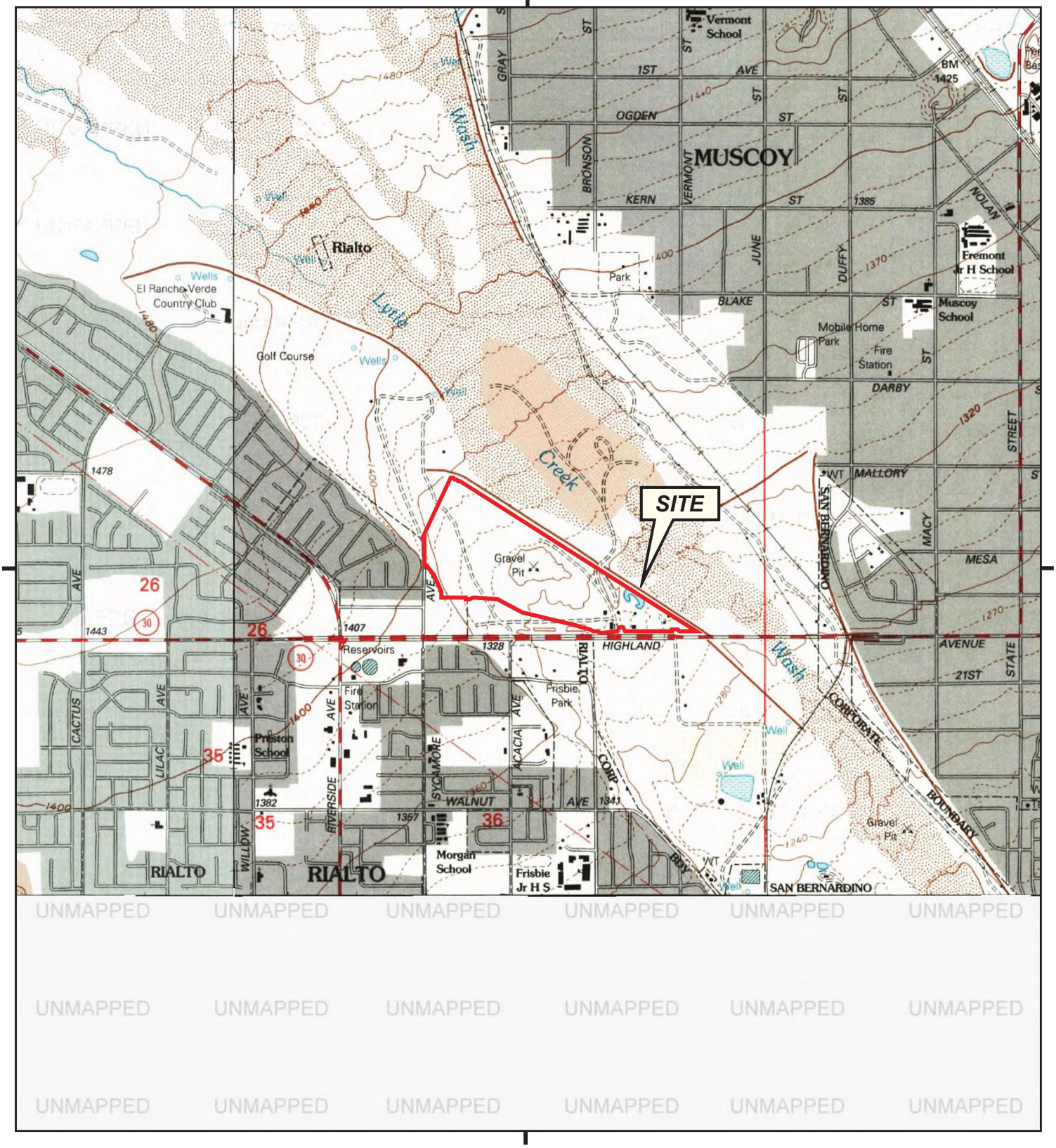
TP, San Bernardino North, 2012, 7.5-minute
S, San Bernardino South, 2012, 7.5-minute
SW, Fontana, 2012, 7.5-minute
NW, Devore, 2012, 7.5-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N

Historical Topo Map

1996



This report includes information from the following map sheet(s).

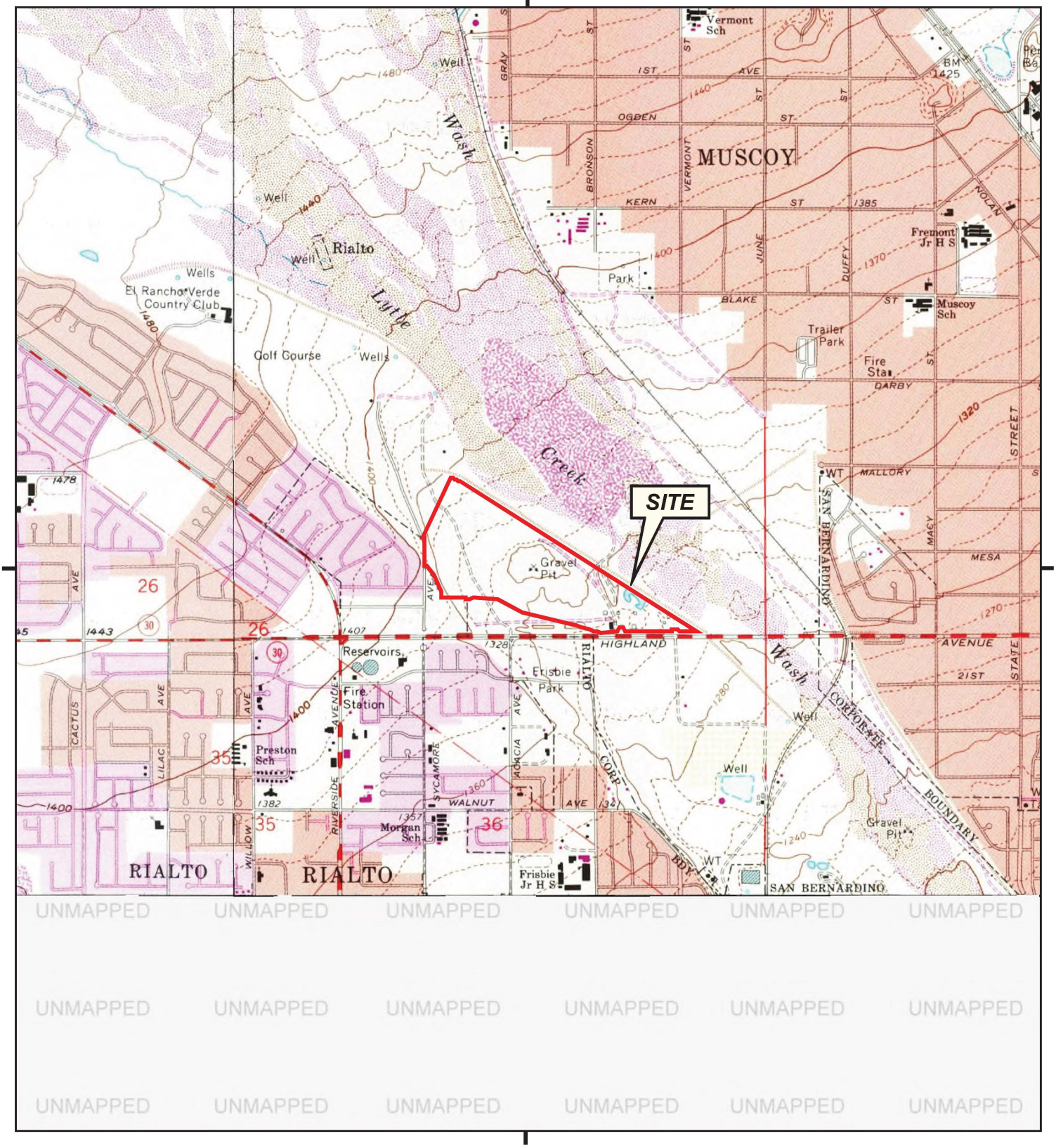
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

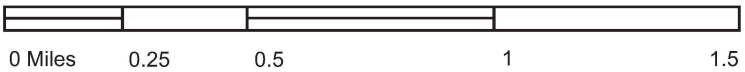
TP, San Bernardino North, 1996, 7.5-minute
NW, Devore, 1996, 7.5-minute

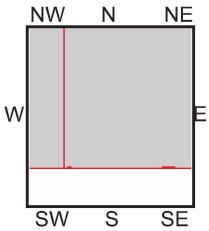
SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N



This report includes information from the following map sheet(s).





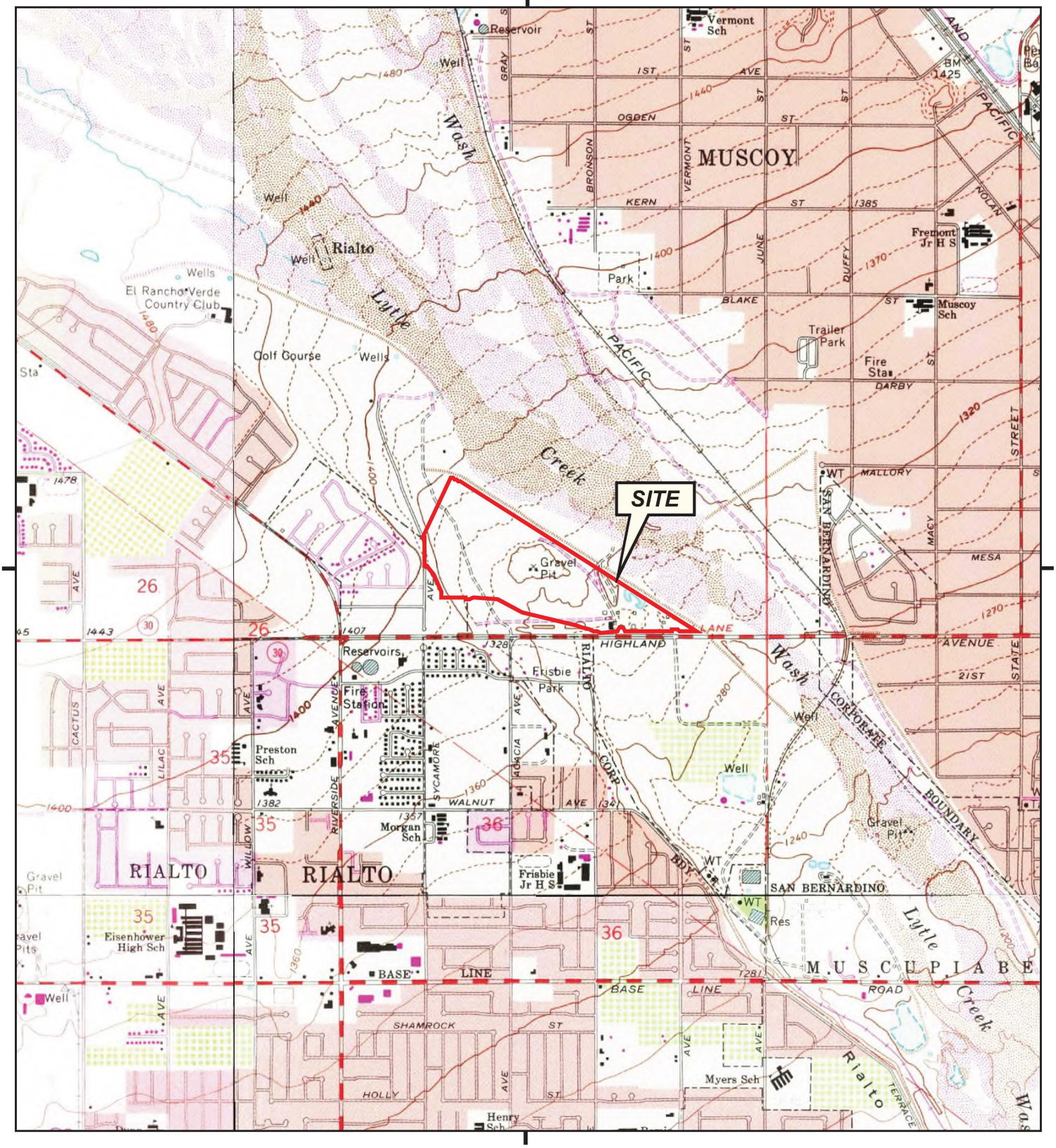
TP, San Bernardino North, 1988, 7.5-minute
NW, Devore, 1988, 7.5-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.



Historical Topo Map

1980



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

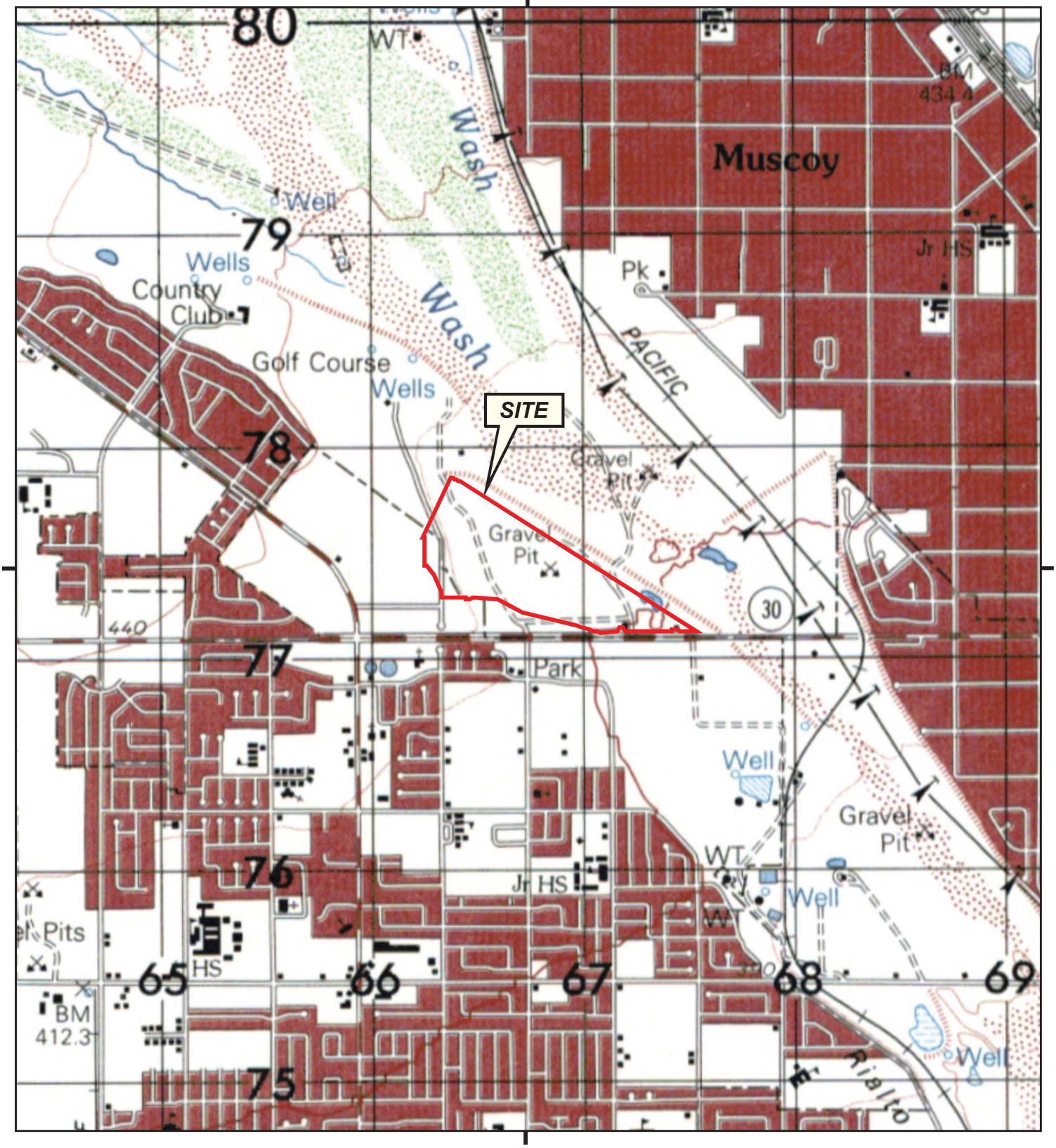
TP, San Bernardino North, 1980, 7.5-minute
S, San Bernardino South, 1980, 7.5-minute
SW, Fontana, 1980, 7.5-minute
NW, Devore, 1980, 7.5-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N

Historical Topo Map

1975



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

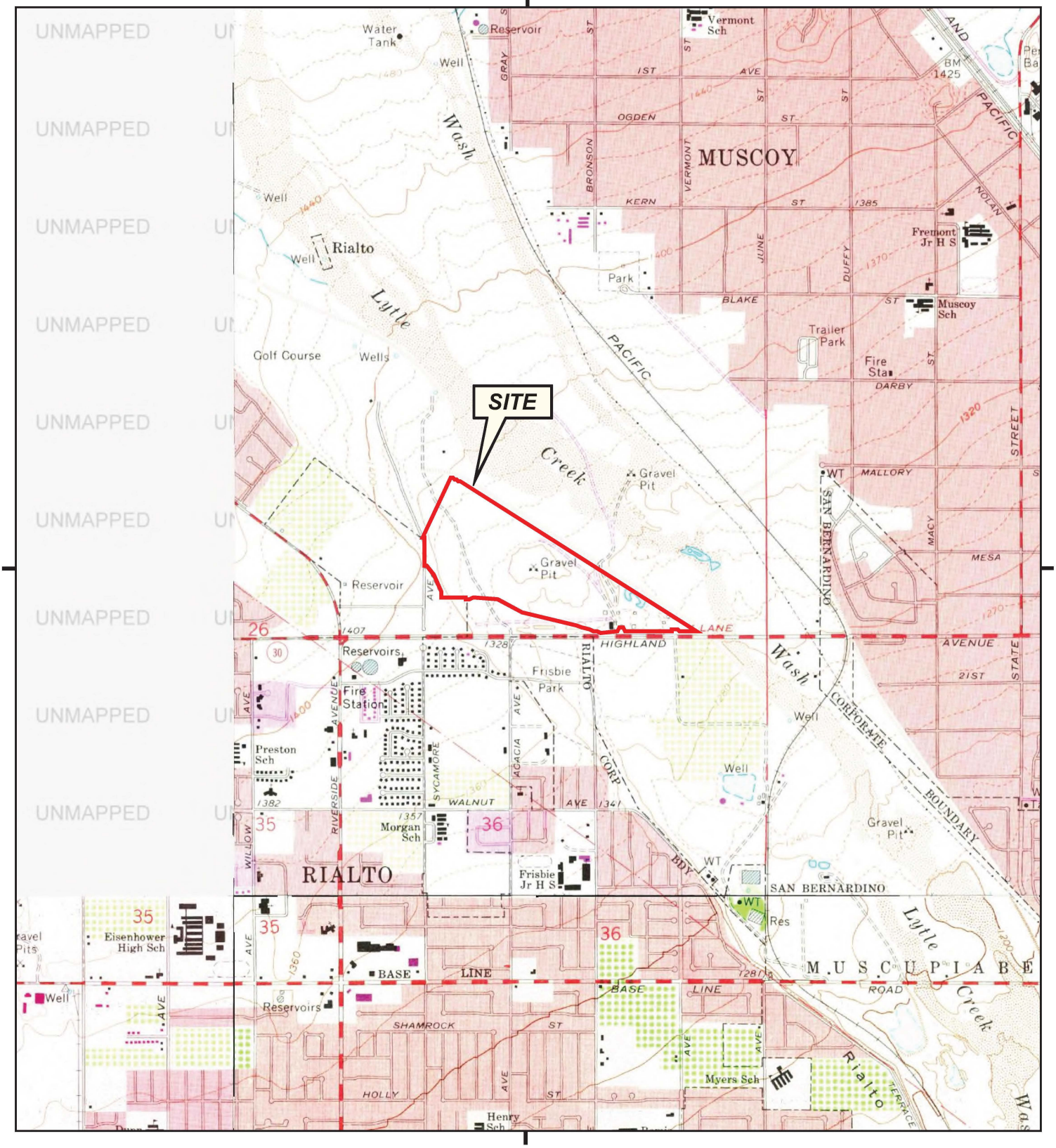
TP, SAN BERNARDINO, 1975, 15-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N

Historical Topo Map

1973



This report includes information from the following map sheet(s).

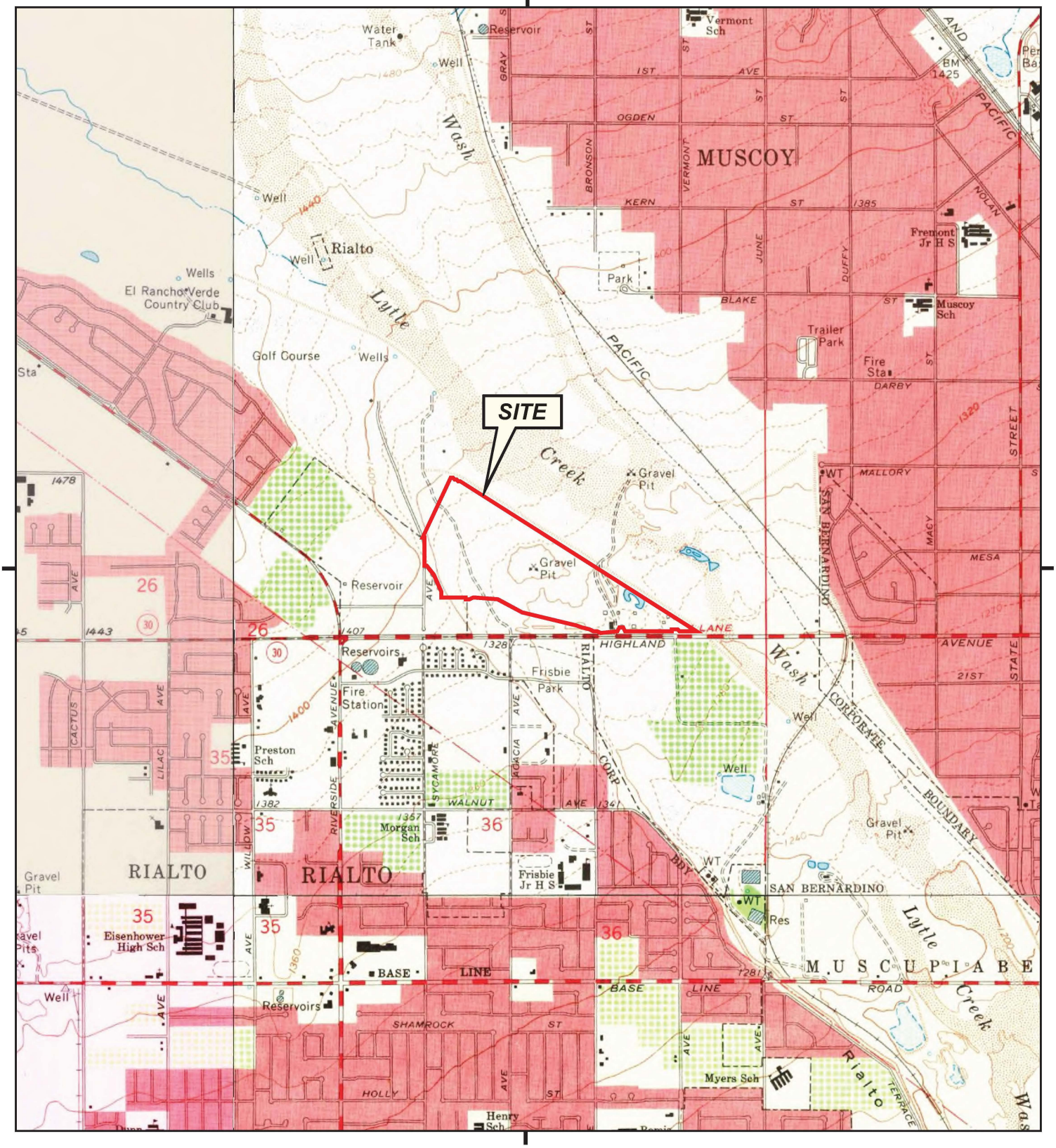
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino North, 1973, 7.5-minute
SE, San Bernardino South, 1973, 7.5-minute
SW, Fontana, 1973, 7.5-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

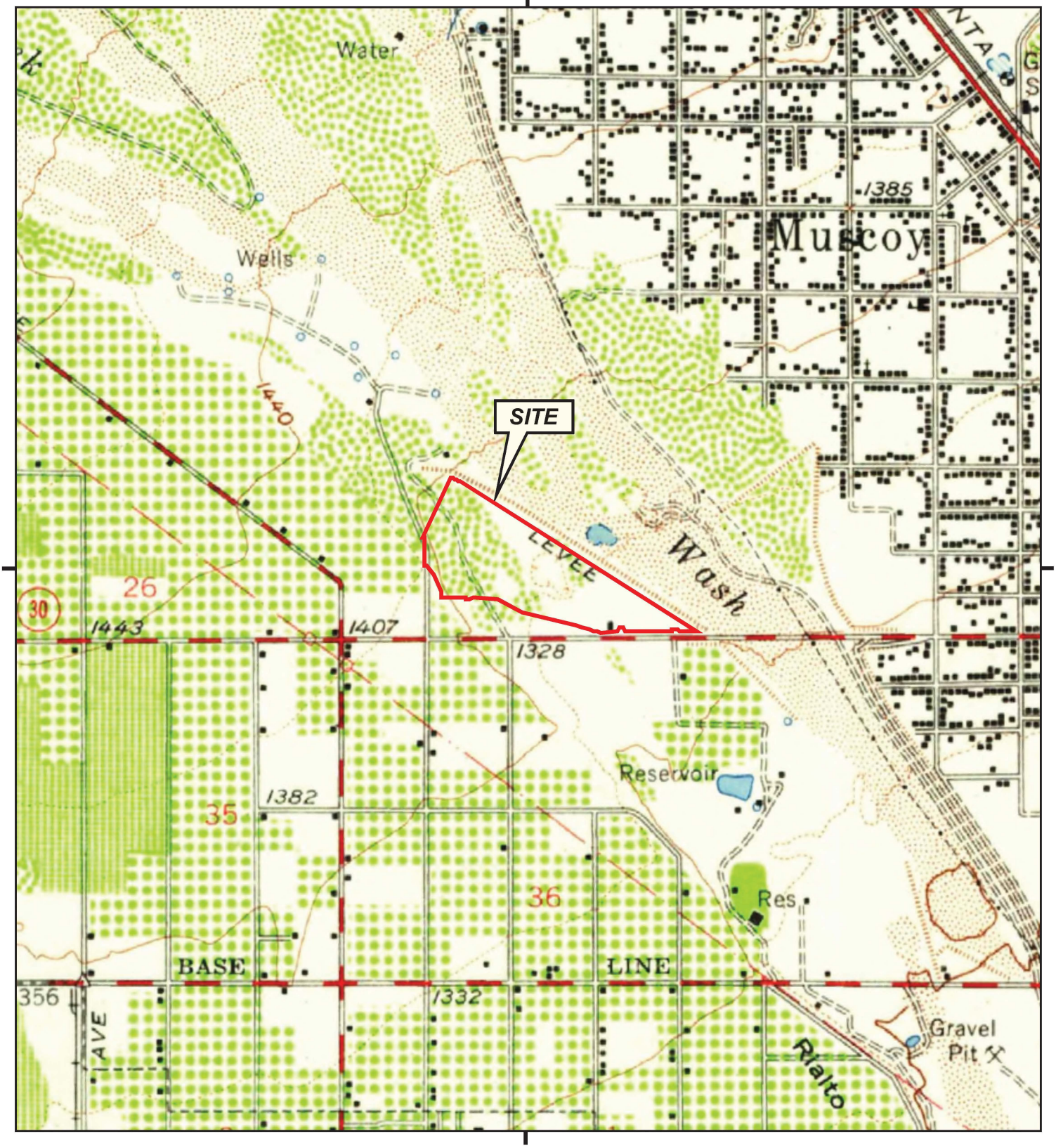
TP, San Bernardino North, 1967, 7.5-minute
SE, San Bernardino South, 1967, 7.5-minute
S, Fontana, 1967, 7.5-minute
NW, Devore, 1966, 7.5-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N

Historical Topo Map

1954



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

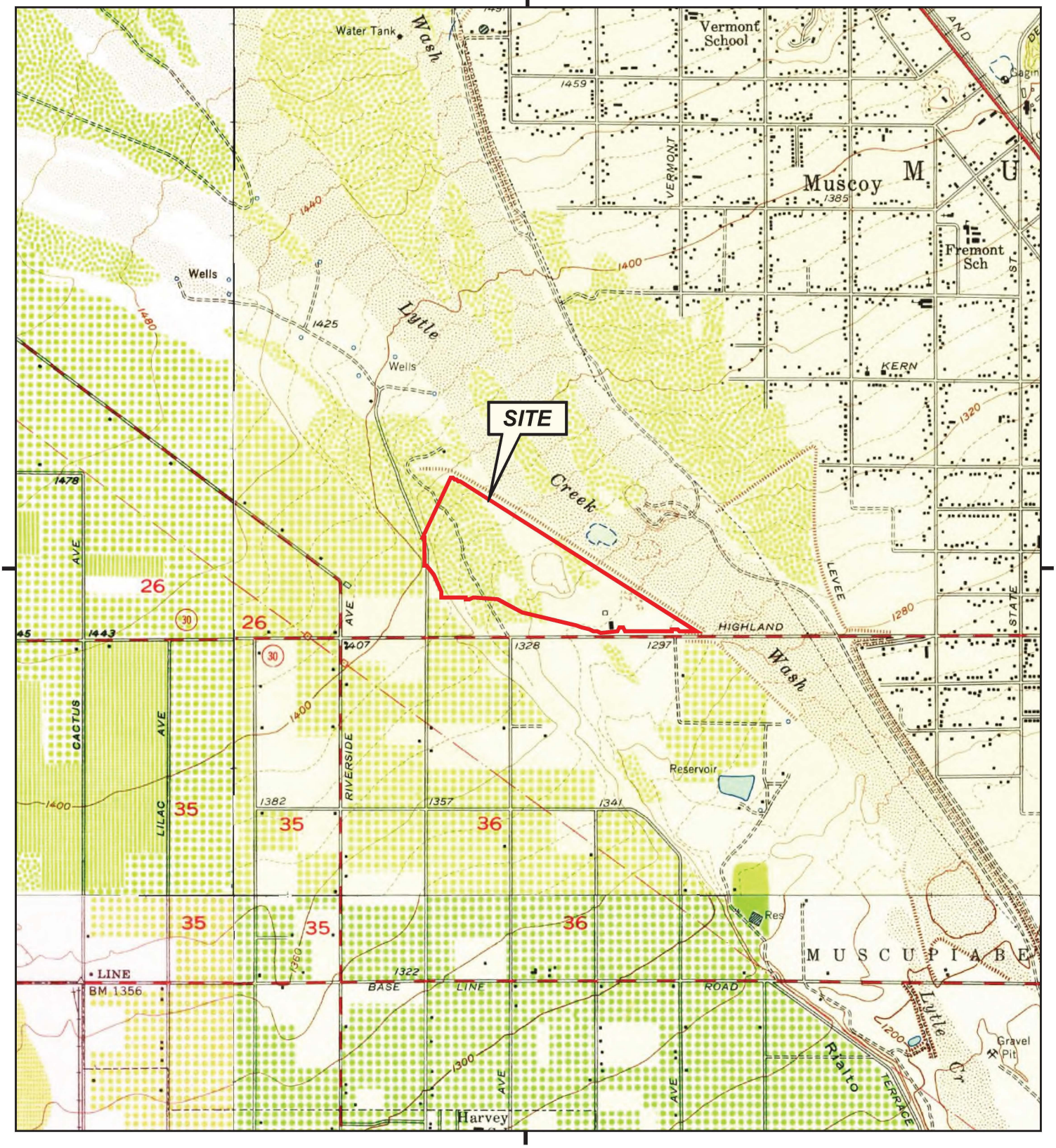
TP, San Bernardino, 1954, 15-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N

Historical Topo Map

1953, 1954



This report includes information from the following map sheet(s).

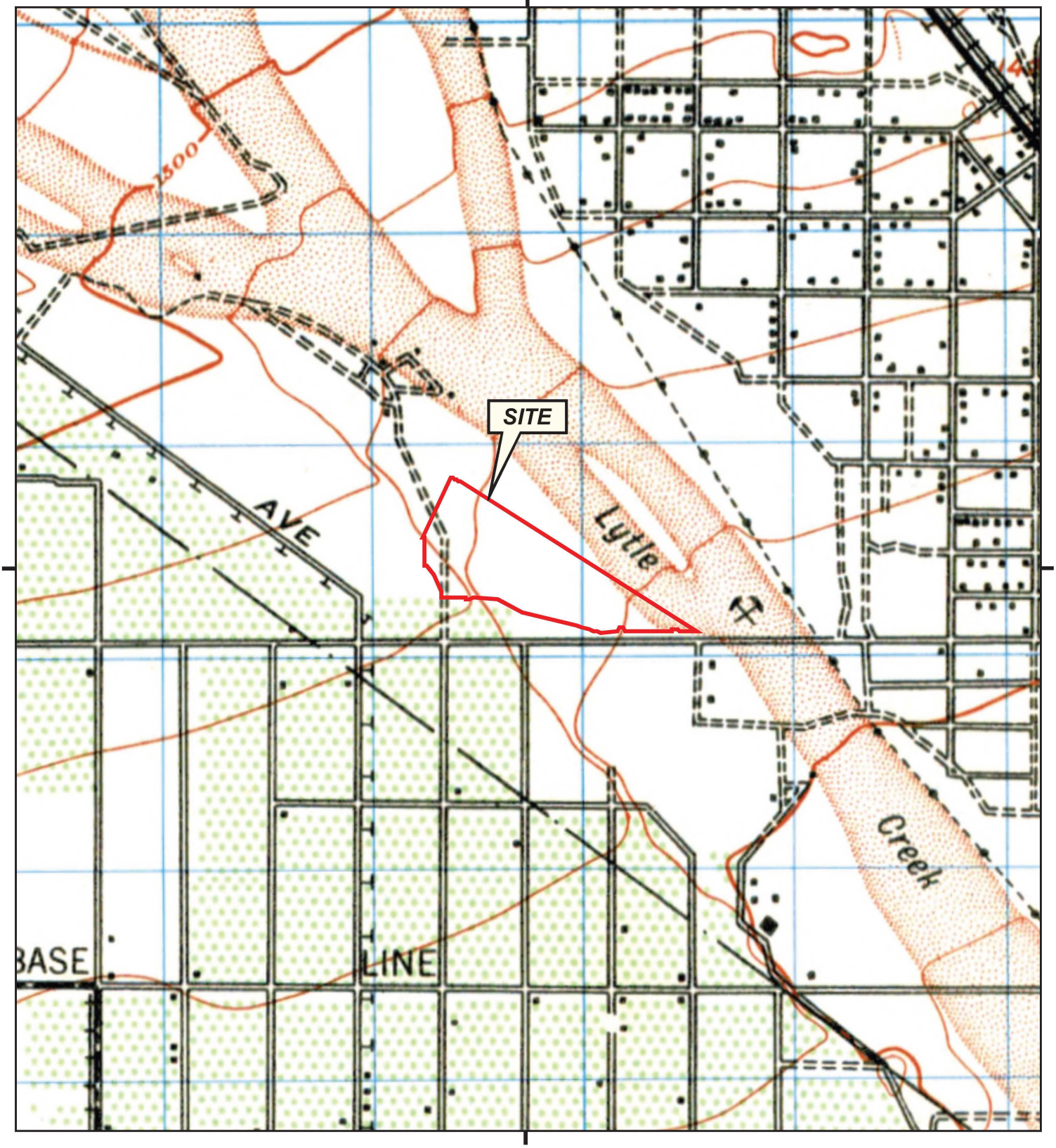
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

SE, San Bernardino South, 1954, 7.5-minute
SW, Fontana, 1953, 7.5-minute
NW, Devore, 1954, 7.5-minute
T, San Bernardino North, 1954, 7.5-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N



This report includes information from the following map sheet(s).

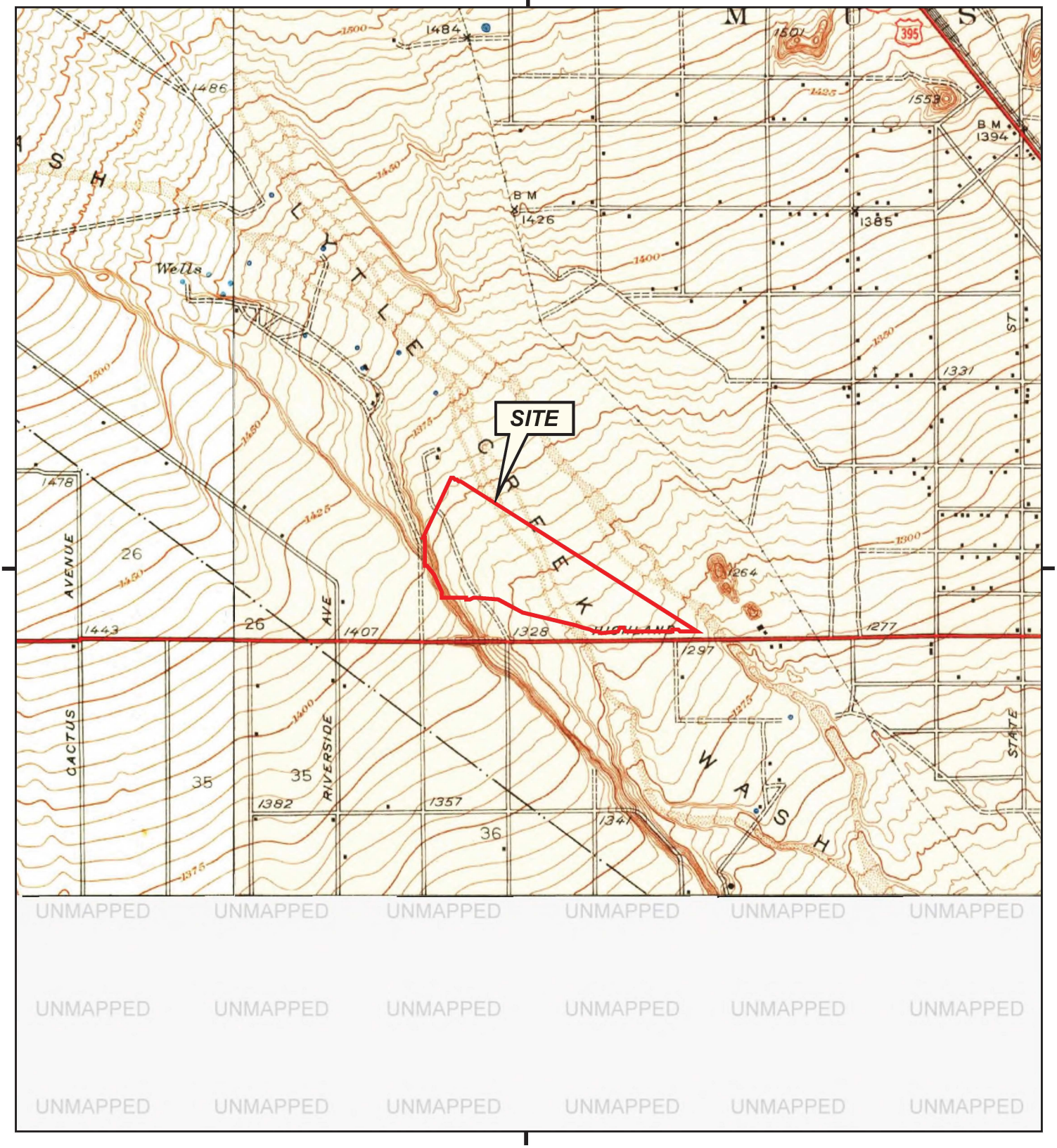
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, SAN BERNARDINO, 1942, 15-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N



UNMAPPED

This report includes information from the following map sheet(s).

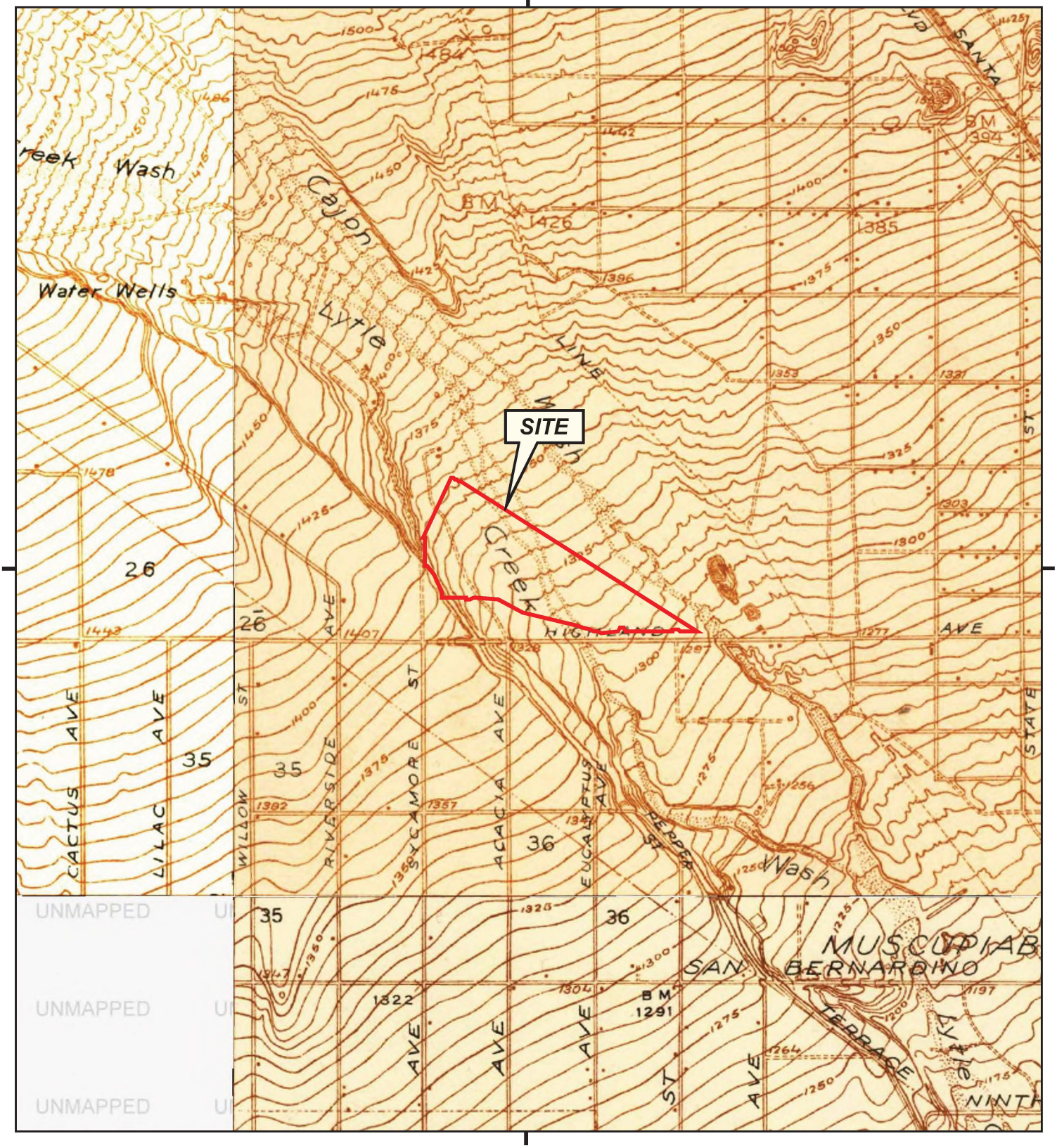
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Arrowhead, 1941, 7.5-minute
NW, Devore, 1941, 7.5-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N



This report includes information from the following map sheet(s).

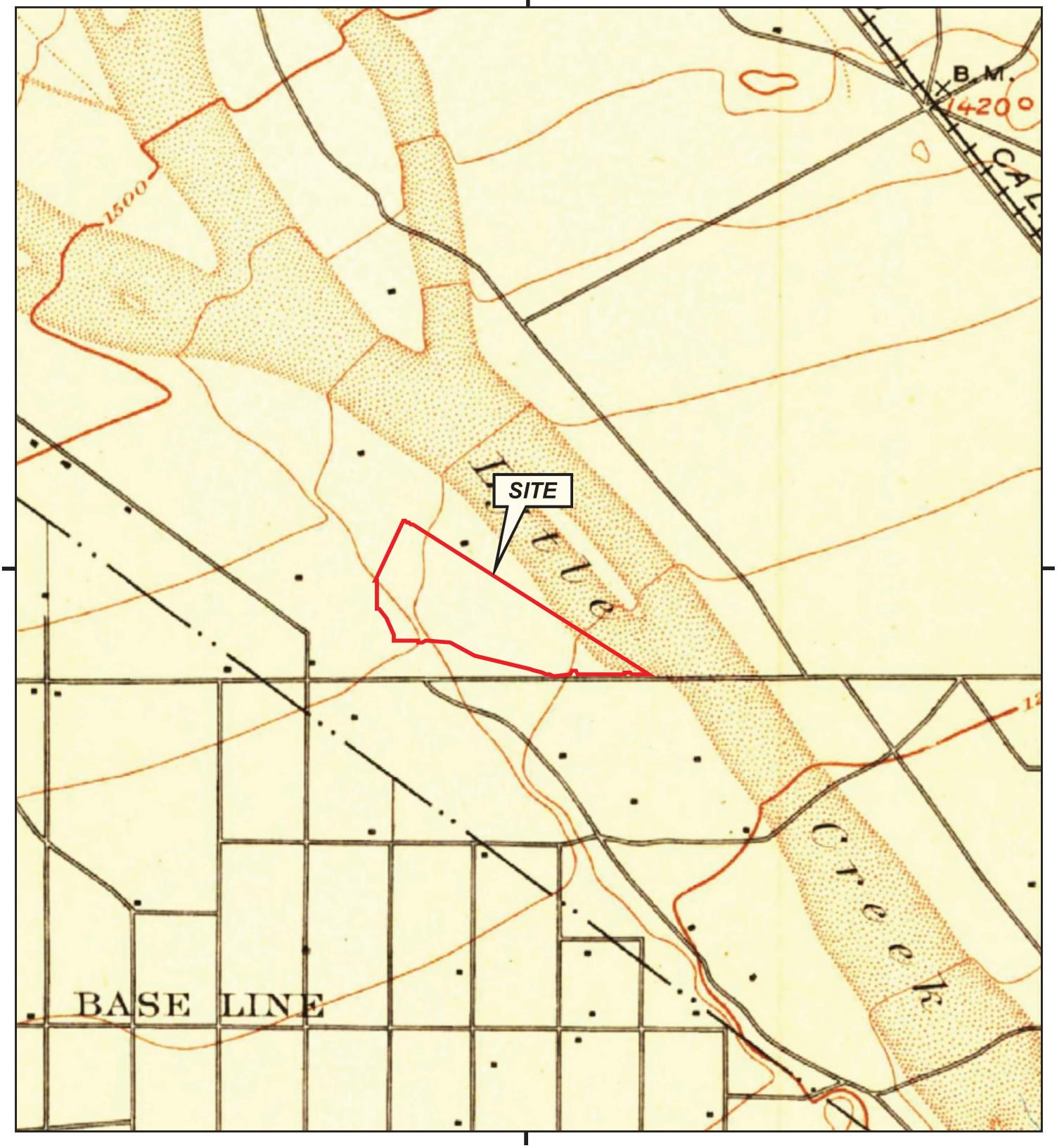
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Arrowhead, 1936, 7.5-minute
SE, Colton, 1938, 7.5-minute
NW, Devore, 1936, 7.5-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N



This report includes information from the following map sheet(s).

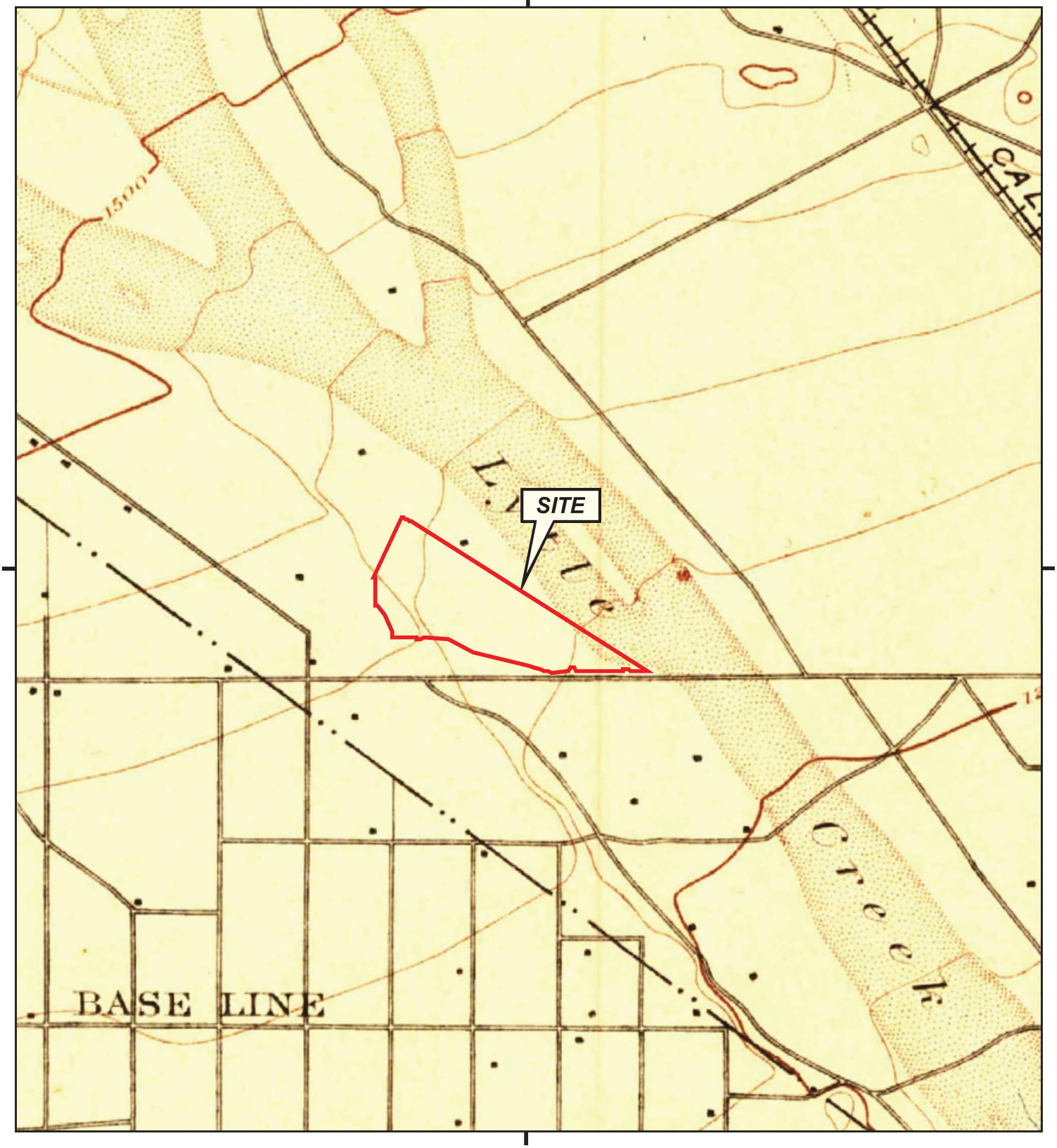
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino, 1901, 15-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N



This report includes information from the following map sheet(s).

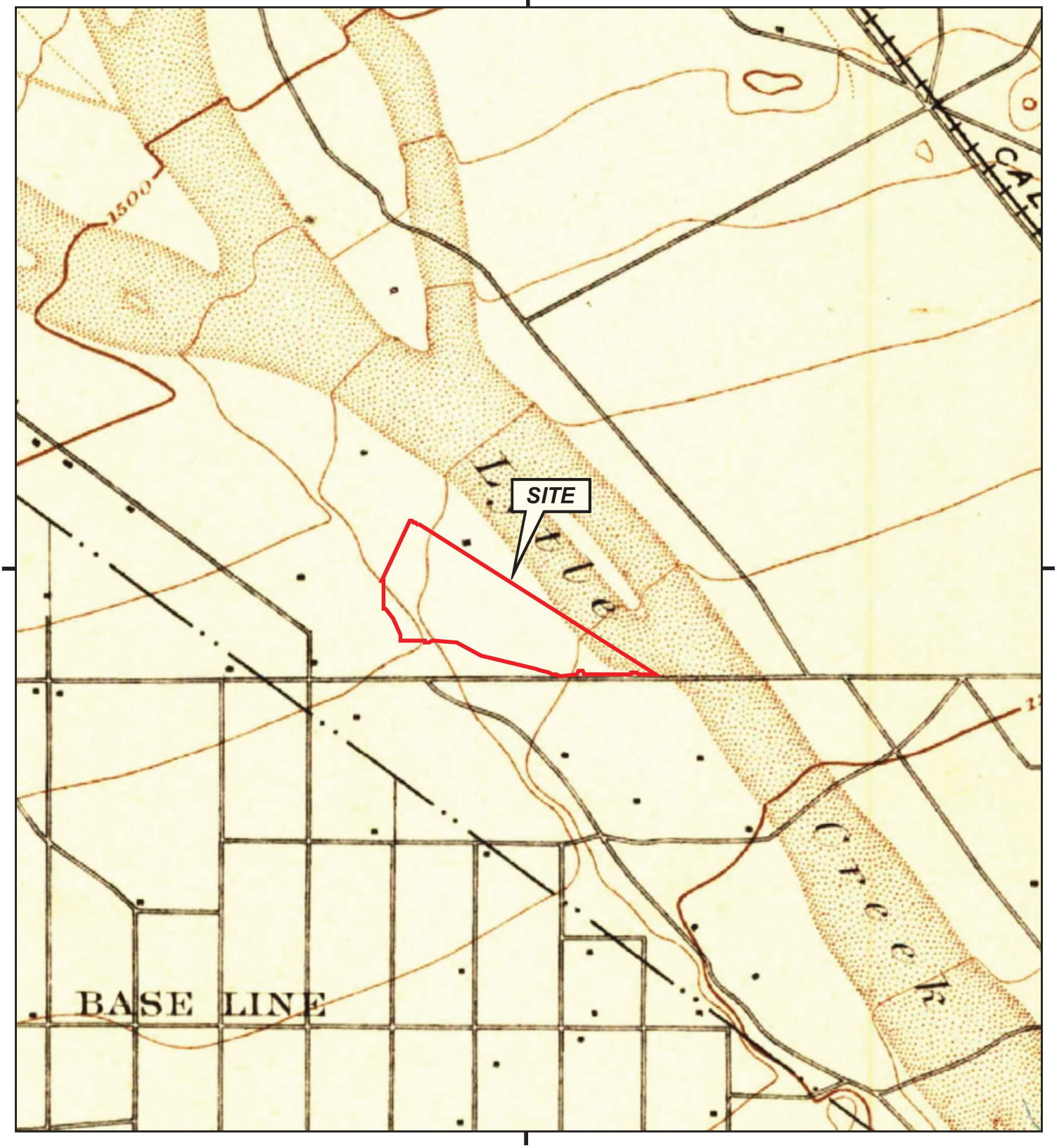
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino, 1898, 15-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Bernardino, 1896, 15-minute

SITE NAME: 2400 West Highland Avenue
ADDRESS: 2400 West Highland Avenue
San Bernardino Cnty, CA 92407
CLIENT: Tetra Tech Inc.

N

APPENDIX D
ADDITIONAL RELEVANT DOCUMENTATION

Property Information Management System

San Bernardino County

Office of the Assessor

PIMS PACKAGE REPORT FOR PARCEL 0264-431-15-0000

Property Information

Property Address (Main Situs) Protected per CA. Govt. Code Sect. 6254.21
Protected per CA. Govt. Code Sect. 6254.21

Owner and Mailing Address BBC PROPERTIES LLC
C/O JEFFREY D COHEN
Protected per CA. Govt. Code Sect. 6254.21
Protected per CA. Govt. Code Sect. 6254.21

Effective Date 10/21/2015

Parcel 0264431150000
Parcel Status ACTIVE
Parcel Type REAL PROPERTY
Property ID
Tax Status ASSESSED BY COUNTY
Use Code VACANT
Land Access PUBLIC PAVED
Size 25.001 ACRES AND OVER
Land Type INDUSTRIAL
District FONTANA
Resp Group SPECIAL PROPERTY
Resp Unit COMMERCIAL ZONE OR USE

Current Owners

Name BBC PROPERTIES LLC

R/I SOLE OWNER
% Int 100.0000000
Type BILLED OWNER
Acquisition Date 10/03/2014
Document Date 10/03/2014
Inactive Date NONE

Document Numbers
20140372496

Legal Parcel Map

Parcel Map	Parcel Nbr	Unit	Book	Page
18900	0264431150000		243	12

Legal Description

PARCEL MAP 18900 PARCEL 1 BOOK 243 PAGE 12

No Legal Reason for Change Found

No Active Homeowner's Exemptions Found



Prior Roll History

Year: 2019

TRA	106039	**Land Value**	217,006
Supplement	NO	**Improvement Value**	0
Correction Date		**Improvement Penalty**	0
Correction Code		**Pers Prop Value**	0
Original Parcel	0264431150000	**Pers Prop Penalty**	0
Billed Owner	BBC PROPERTIES LLC	**Total Penalties**	0
Joint Owner		**Total Value**	217,006
		HOX Exemptions	0
		Special Exemptions	0
		Net Value	**217,006**

Year: 2018

TRA	106039	**Land Value**	212,751
Supplement	NO	**Improvement Value**	0
Correction Date		**Improvement Penalty**	0
Correction Code		**Pers Prop Value**	0
Original Parcel	0264431150000	**Pers Prop Penalty**	0
Billed Owner	BBC PROPERTIES LLC	**Total Penalties**	0
Joint Owner		**Total Value**	212,751
		HOX Exemptions	0
		Special Exemptions	0
		Net Value	**212,751**

Year: 2017

TRA	106039	**Land Value**	208,579
Supplement	NO	**Improvement Value**	0
Correction Date		**Improvement Penalty**	0
Correction Code		**Pers Prop Value**	0
Original Parcel	0264431150000	**Pers Prop Penalty**	0
Billed Owner	BBC PROPERTIES LLC	**Total Penalties**	0
Joint Owner		**Total Value**	208,579
		HOX Exemptions	0
		Special Exemptions	0
		Net Value	**208,579**

Year: 2016

TRA	106039	**Land Value**	204,489
Supplement	NO	**Improvement Value**	0
Correction Date		**Improvement Penalty**	0
Correction Code		**Pers Prop Value**	0
Original Parcel	0264431150000	**Pers Prop Penalty**	0
Billed Owner	BBC PROPERTIES LLC	**Total Penalties**	0
Joint Owner		**Total Value**	204,489
		HOX Exemptions	0
		Special Exemptions	0
		Net Value	**204,489**

Year: 2015

TRA	106039	**Land Value**	201,417
Supplement	NO	**Improvement Value**	0
Correction Date		**Improvement Penalty**	0
Correction Code		**Pers Prop Value**	0
Original Parcel	0264431150000	**Pers Prop Penalty**	0
Billed Owner	BBC PROPERTIES LLC	**Total Penalties**	0
Joint Owner		**Total Value**	201,417
		HOX Exemptions	0
		Special Exemptions	0
		Net Value	**201,417**

Parcel History

Event Date	10/03/2014
Event Group/Type	CREATE - SUBDIVISION
Multi Parcel	Yes

Multi Parcel List
0264421330000 NEW-SUB
0264431150000 NEW-SUB
0264431160000 NEW-SUB
0264421150000 OLD-SUB
0264421250000 OLD-SUB
0264421280000 OLD-SUB
0264431130000 OLD-SUB

Ownership History

Owner Name: BBC PROPERTIES LLC

R/I	SOLE OWNER
% Int	100.0000000
Type	BILLED OWNER
Acquisition Date	10/03/2014
Document Date	10/03/2014
Inactive Date	NONE

Document Numbers

20140372496

Supplement History

No Supplement History



Parcels: BBC PROPERTIES LLC

APN: **026443115**
Land Value: **217,006**
Impr Value: **0**
Exempt Value: **0**
HOX:
Acreage: **100.98**
Tax Status: **ASSESSED BY COUNTY**
Zoning: **RC**
Zoning Desc: **Resource Conservation**
Jurisdiction: **County Land Use Services office**
URL: **http://cms.sbcounty.gov/lus/Home.aspx**
Base Year: **2014**
Assess Desc: **VACANT LAND**
Assess Class: **INDUSTRIAL**

Additional County Parcel Resources

Assessor Page Map
Assessor PIMS System Information

THIS MAP IS FOR THE PURPOSE OF AD VALOREM TAXATION ONLY.

Ptn. Semi-Tropic Land & Water Co. Sub., N.B.L. M.B. 6/12

Rialto Unified
City of Rialto
Tax Rate Area
6003 106001 106039

0264 - 43

1" = 500'

0262/17

23 24 25 26

7620.24

T.R.A. 106001

ASSESSED ON PAGE 42

S.B.CO. FCD 120 50

1056.95

P.M. 243/12-17

S.B. CO.

SAN BERNARDINO COUNTY
NOT A PART OF THIS SUBDIVISION

M.B. 6/12

Ptn. Par. 2
199.34 AC.

431

FLOOD CONTROL RESTRICTIVE EASEMENT

4535.66 4636.05 4317.53

162.31 355.71 567.35 487.72 286.41 429.56 179.62 257.27 82.18 85.71 100 188.02

Par. 1
101.31 AC.

1056.95

STATE HIGHWAY

885.91 423.24 377.33 358.08 266 185.3 56 470.01 88.28 64.72 126.39 68.77 113.52 69.28 40 69.28

0133/38

1.84 AC.

AVENUE

6039 6003

42 14 15 16 03 04 19 75 55 210

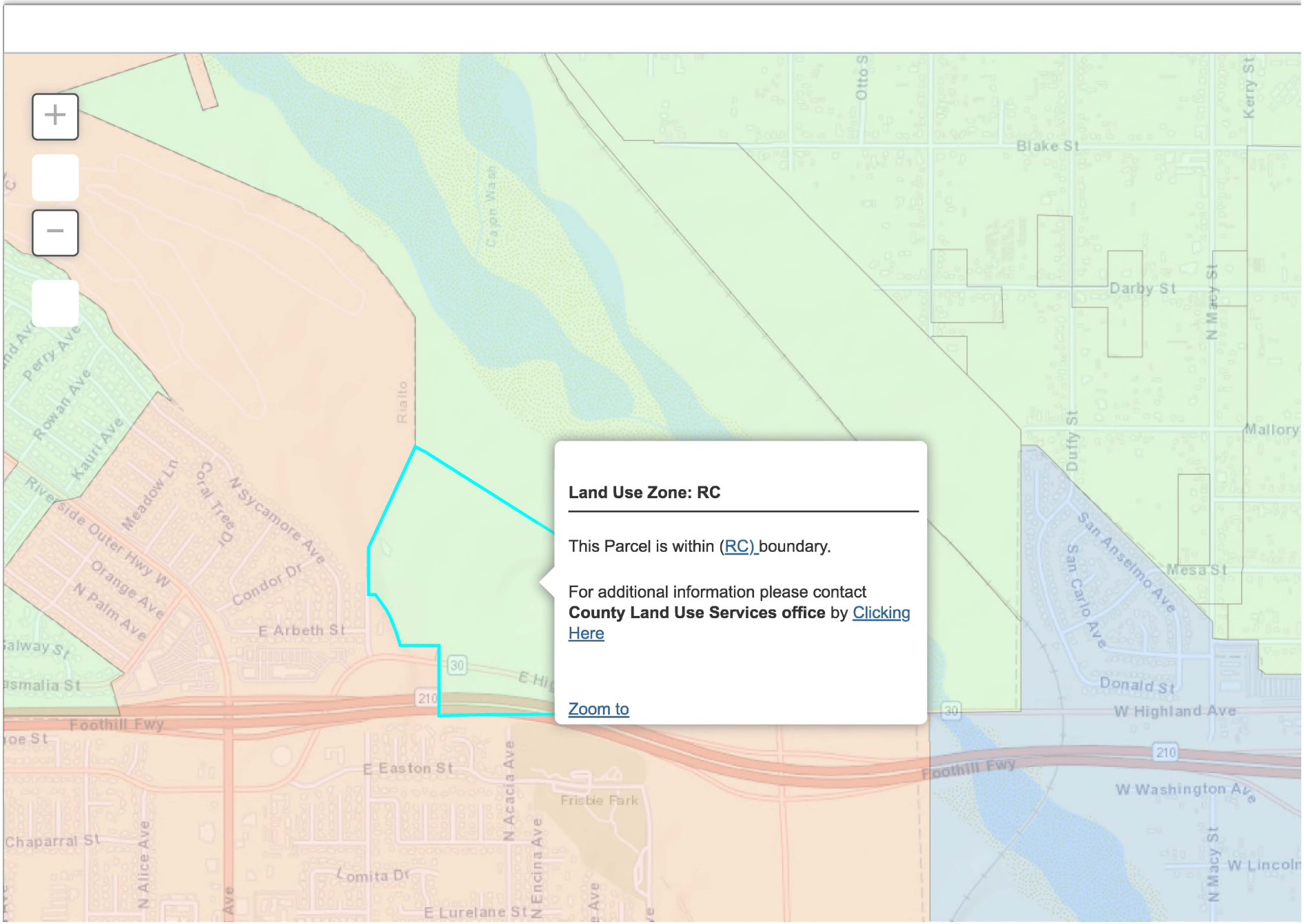
Ptn. Parcel Mapn No. 18900, M.B. 243/12-17
Ptn. Tract No. 5135, M.B. 64/99-100

February 2004

Assessor's Map
Book 0264 Page 43
San Bernardino County

REVISED
11/24/14 RM

Land Use Services Zoning Look-up



CALIFORNIA DEPARTMENT OF WATER RESOURCES

Skip to Main Content

Bulletin 118

Bulletin 118 is California's official publication on the occurrence and nature of groundwater statewide. Bulletin 118 defines the boundaries and describes the hydrologic characteristics of California's groundwater basins and provides information on groundwater management and recommendations for the future.

With the passage of Sustainable Groundwater Management Act (SGMA) in 2014, Bulletin 118 now serves an additional role by providing Groundwater Sustainability Agencies (GSAs) with three critical pieces of information regarding groundwater basins: Critical Conditions of Overdraft, Basin Boundaries, and Basin Priority.

In 2020 and every five years after, we will release comprehensive updates to Bulletin 118.

Bulletin 118 statewide reports provide information about the nature and occurrence of groundwater in California with a focus on the state's groundwater basins.

In addition to the statewide editions of Bulletin 118, DWR has published the following limited Bulletin 118 reports that focus on specific areas of the state.

Bulletin 118-1 - South San Francisco Bay

Bulletin 118-2 - Livermore and Sunol Valleys

Bulletin 118-3 - Sacramento County

Bulletin 118-4 - Sonoma County

Content goes here

Bulletin 118-6 - Sacramento Valley

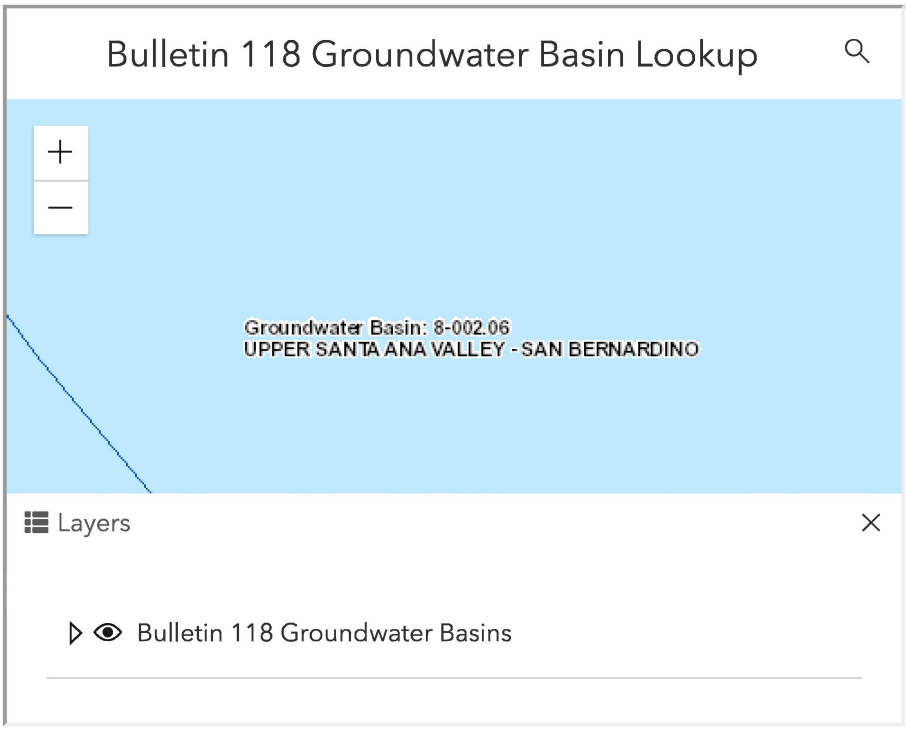
B118 Update 2003 provided online descriptions of California's groundwater basins and subbasins. The 2003 Basin Descriptions included available information on narrative descriptions of basin boundaries, summaries of the hydrologic and hydrogeologic setting, groundwater storage capacity and water budget, groundwater level and quality trends, well yields, basin management, and references.

The full 2003 Basin Descriptions have not been updated for B118 Interim Update 2016; however, we developed a new procedure for basin boundary descriptions as part of the 2016 Basin Boundary Modification process. As a result, all basins that had boundary modifications in 2016 have revised basin boundary descriptions. We will update basin description information as GSAs implement their GSPs and new and additional information becomes available.

View 2016 Basin Boundary Descriptions

View 2003 Basin Descriptions

NOTE: The basin boundary descriptions contained in the 2003 basin descriptions are no longer valid for the basins with revised boundaries.



View Map in New Window

A GIS data set, containing the boundaries for each of California's groundwater basins, is available for download. The compressed downloaded file contains both a shapefile of the basin boundary data, and a geodatabase containing a basin boundary feature class. Metadata is included with each version of the basin boundary data set.

Bulletin 118 Basin Boundary GIS Data

The Bulletin 118 Basin Boundary GIS data can also be accessed through the California Natural Resources Agency's Open Data Portal. There you will find additional formats, including GeoJSON and KML, available for download. It should be noted that the shapefile available for download on the Open Data web site is projected in WGS84 Web Mercator.

Bulletin 118 Groundwater Basins - Open Data

Updates

Statewide Reports

Regional Reports

Basin Descriptions

Basin Boundary GIS Data

GIC Interactive Map Application

The Groundwater Information Center Interactive Map allows you to view GIS layers containing geo-referenced groundwater-related information and download these layers as GIS shapefiles or GeoTIFF raster files.

CASGEM

California Statewide Groundwater Elevation Monitoring (CASGEM) Program - collaboration between local monitoring parties and DWR to collect groundwater elevations statewide and make that information publicly available.

Data & Tools

We have a long history of data collection, monitoring, and reporting. With the passage of the Sustainable Groundwater Management Act (SGMA), there is an increased need for local and state agencies and the public to easily access water

data in order to make informed management decisions. Here you will find a curated set of data, interactive mapping tools, and reports which are important resources to inform sustainable groundwater management decision-making.

CWP Groundwater Update 2013

California's Groundwater Update 2013: A Compilation of Enhanced Content for California Water Plan Update 2013 compiles and analyzes readily-available groundwater information to characterize California’s groundwater basins, aquifers, and well infrastructure.

8-002.06 UPPER SANTA ANA VALLEY - BUNKER HILL

Basin Boundaries

Summary

The Bunker Hill groundwater subbasin consists of alluvial materials that underlie the San Bernardino Valley in southwestern San Bernardino County. This subbasin is bound on the north and northeast by consolidated rocks of the San Bernardino Mountains and generally follows the San Andreas fault zone. The subbasin is bound on the south by surface drainage divides and the Crafton Hills and on the west by the San Jacinto fault zone. Plutonic and metamorphic rocks of the San Gabriel Mountains bound the northwest side of the basin. The majority of the northeastern and southeastern boundaries coincide with the Western San Bernardino (1969) groundwater adjudication boundary. The Santa Ana River, Mill Creek, and Lytle Creek are the main tributary streams in the subbasin (SBVWCD, 2000). Average annual precipitation ranges from 13 to 31 inches.The subbasin boundary is defined by the twenty-four (24) segments detailed in the description below.

Segment Descriptions

Segment Label	Segment Type	Description	Ref
1-2	E Alluvial	Begins from point (1) and generally follows the contact of Quaternary alluvium with Mesozoic Pelona Schist and Precambrian to Mesozoic metasedimentary rocks to point (2).	{a}
2-3	E Management Area	Continues from point (2) and follows the Western San Bernardino (1969) judgment boundary to point (3).	{b}
3-4	E Fault	Continues from point (3) and approximately follows the San Andreas fault to point (4).	{c}
4-5	I Watershed	Continues from point (4) and follows the Crafton hydrologic subarea boundary to point (5).	{d}
5-6	E Alluvial	Continues from point (5) and generally follows the contact of Quaternary alluvium with Mesozoic Pelona Schist and Precambrian to Mesozoic gneissic rocks of the Crafton Hills to point (6).	{a}
6-7	I Watershed	Continues from point (6) and generally follows Yucaipa watershed boundary to point (7).	{d}
7-8	I Watershed	Continues from point (7) and generally follows Beaumont watershed boundary to point (8).	{d}
8-9	I Fault	Continues from point (8) and follows the San Jacinto fault to point (9).	{e}
9-10	I Fault	Continues from point (9) and follows a concealed portion of the San Jacinto fault to point (10).	{e}
10-11	E Alluvial	Continues from point (10) and generally follows the contact of Quaternary alluvium with Oligocene granodiorite, Mesozoic Pelona Schist and various plutonic rocks, Paleozoic metasedimentary rocks, and Precambrian to	{e}

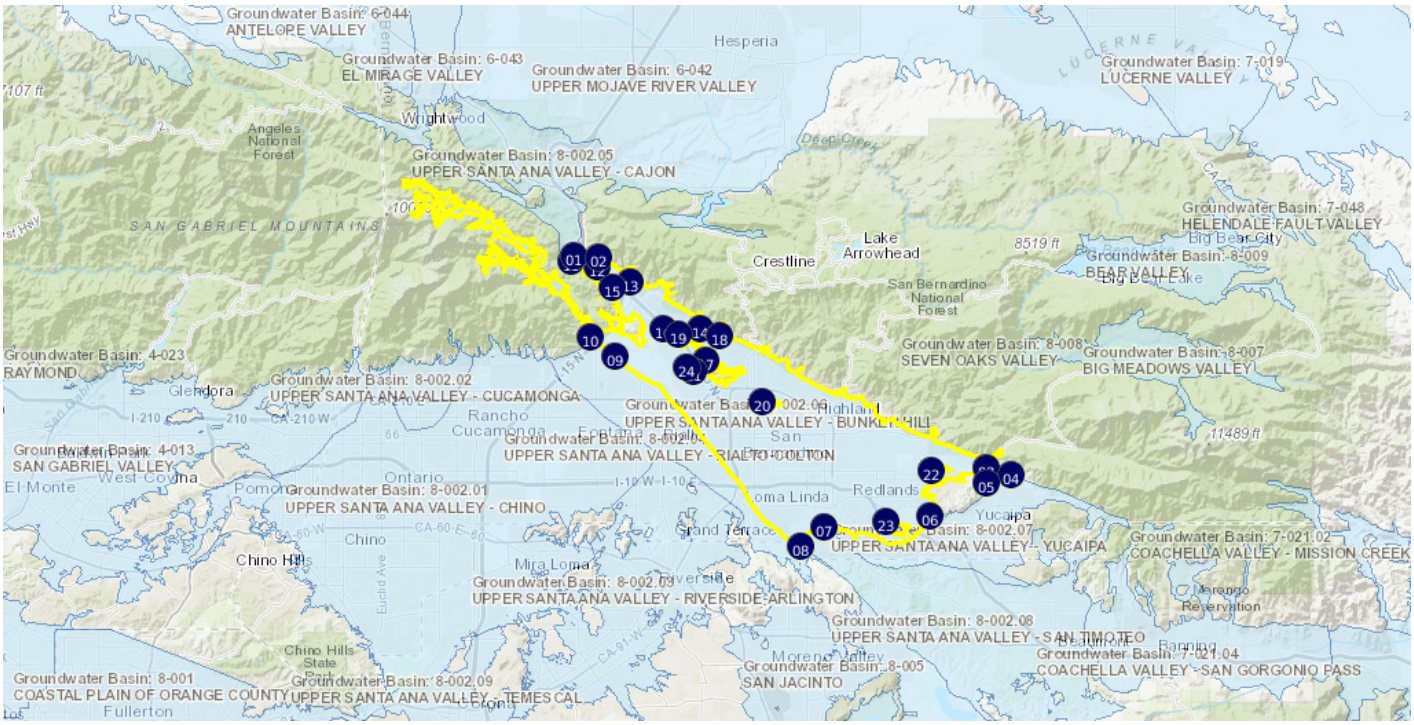
		Mesozoic gneissic rocks to point (11).	
11-1	I Management Area	Continues from point (11) and follows the Western San Bernardino (1969) judgment boundary, then crosses the alluvium at Cajon Wash and ends at point (1).	{b}
12-12	E Alluvial	Island within the basin boundary: begins from point (12) and generally follows the contact of Quaternary alluvium with the Mesozoic Pelona Schist and Pleistocene Older Dissected Surficial Sediments and ends at point (12).	{a}
13-13	E Alluvial	Island within the basin boundary: begins from point (13) and follows the contact of Quaternary alluvium with the Mesozoic Pelona Schist and Pleistocene Older Dissected Surficial Sediments, south of the fault, and ends at point (13).	{a}
14-14	E Alluvial	Island within the basin boundary: begins from point (14) and follows the contact of Quaternary alluvium with Mesozoic Pelona Schist and ends at point (14).	{a}
15-15	E Alluvial	Island within the basin boundary: begins from point (15) and follows the contact of Quaternary alluvium with Mesozoic Pelona Schist and ends at point (15).	{a}
16-16	E Alluvial	Island within the basin boundary: begins from point (16) and generally follows the contact of Quaternary alluvium with Mesozoic Pelona Schist and ends at point (16).	{a}
17-17	E Alluvial	Island within the basin boundary: begins from point (17) and generally follows the contact of Quaternary alluvium with Mesozoic Pelona Schist and ends at point (17).	{a}
18-18	E Alluvial	Island within the basin boundary: begins from point (18) and generally follows the contact of Quaternary alluvium with Mesozoic Pelona Schist and ends at point (18).	{a}
19-19	E Alluvial	Island within the basin boundary: begins from point (19) and generally follows the contact of Quaternary alluvium with Mesozoic Pelona Schist and ends at point (19).	{a}
20-20	E Alluvial	Island within the basin boundary: begins from point (20) and generally follows the contact of Quaternary alluvium with Mesozoic Pelona Schist and ends at point (20).	{a}
21-21	E Alluvial	Island within the basin boundary: begins from point (21) and generally follows the contact of Quaternary alluvium with Mesozoic Pelona Schist and ends at point (21).	{a}
22-22	E Alluvial	Island within the basin boundary: begins from point (22) and generally follows the contact of Quaternary alluvium with Mesozoic Pelona Schist and Tertiary granodiorite and ends at point (22).	{a}
23-23	E Alluvial	Island within the basin boundary: begins from point (23) and generally follows the contact of Quaternary alluvium with Precambrian to Mesozoic gneiss and ends at point (23).	{a}
24-24	E Alluvial	Island within the basin boundary: begins from point (24) and generally follows the contact of Quaternary alluvium with Mesozoic Pelona Schist and ends at point (24).	{a}

Significant Coordinates

Point	Latitude	Longitude
1	34.25417871	-117.457891438
2	34.25382487	-117.433913838
3	34.080177198	-117.046086326
4	34.07353448	-117.020892432
4	34.07353448	-117.020892432
5	34.066930937	-117.045619753
6	34.039592718	-117.102501622
7	34.031208289	-117.208672574
8	34.014576712	-117.231981914
9	34.171430352	-117.416740615
10	34.187705401	-117.442273144
11	34.250281533	-117.461060333
12	34.245546806	-117.434719434
13	34.233606871	-117.402238609
14	34.194416489	-117.33220849
15	34.229041086	-117.41993181
16	34.193997148	-117.369507048
17	34.16823057	-117.325932137
18	34.188846738	-117.313088197
19	34.19008145	-117.354364908
20	34.134603401	-117.26966635
21	34.159599276	-117.339211856
22	34.077068957	-117.101473888
23	34.034818427	-117.146852837
24	34.162724818	-117.346087347

Map

8-002.06 UPPER SANTA ANA VALLEY - BUNKER HILL



https://sgma.water.ca.gov/webgis/?appid=160718113212&subbasinid=8-002.06

References

Ref	Citation	Pub Date	Global ID
{a}	California Geological Survey (CGS), Geologic Compilation of Quaternary Surficial Deposits in Southern California, T.L. Bedrossian, P. Roffers, C.A. Hayhurst, J.T. Lancaster, and W.R. Short.URL: http://www.conservation.ca.gov/cgs/fwgp/Pages/sr217.aspx	2012	50
{b}	California Department of Water Resources (DWR), Adjudicated Basins GIS layer, .URL: https://gis.water.ca.gov/app/bbat/	2016	44
{c}	California Geological Survey (CGS), Geologic Atlas of California Map No. 008, Los Angeles Sheet, , 1:250,000, Charles W. Jennings and Rudolph G. Strand.URL: http://www.quake.ca.gov/gmaps/GAM/losangeles/losangeles.html	1969	33
{d}	United States Geological Survey (USGS), National Hydrography Dataset, Watershed Boundary Dataset for California, note: Coordinated effort among the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS), the United States Geological Survey (USGS), and the Environmental Protection Agency (EPA).URL: http://datagateway.nrcs.usda.gov	2016	49
{e}	California Geological Survey (CGS), Regional Geologic Map No. 3A, San Bernardino Quadrangle, 1:250,000, E.J. Bortungno and T.E. Spittler.URL: http://www.quake.ca.gov/gmaps/RGM/sanbernardino/sanbernardino.html	1986	6

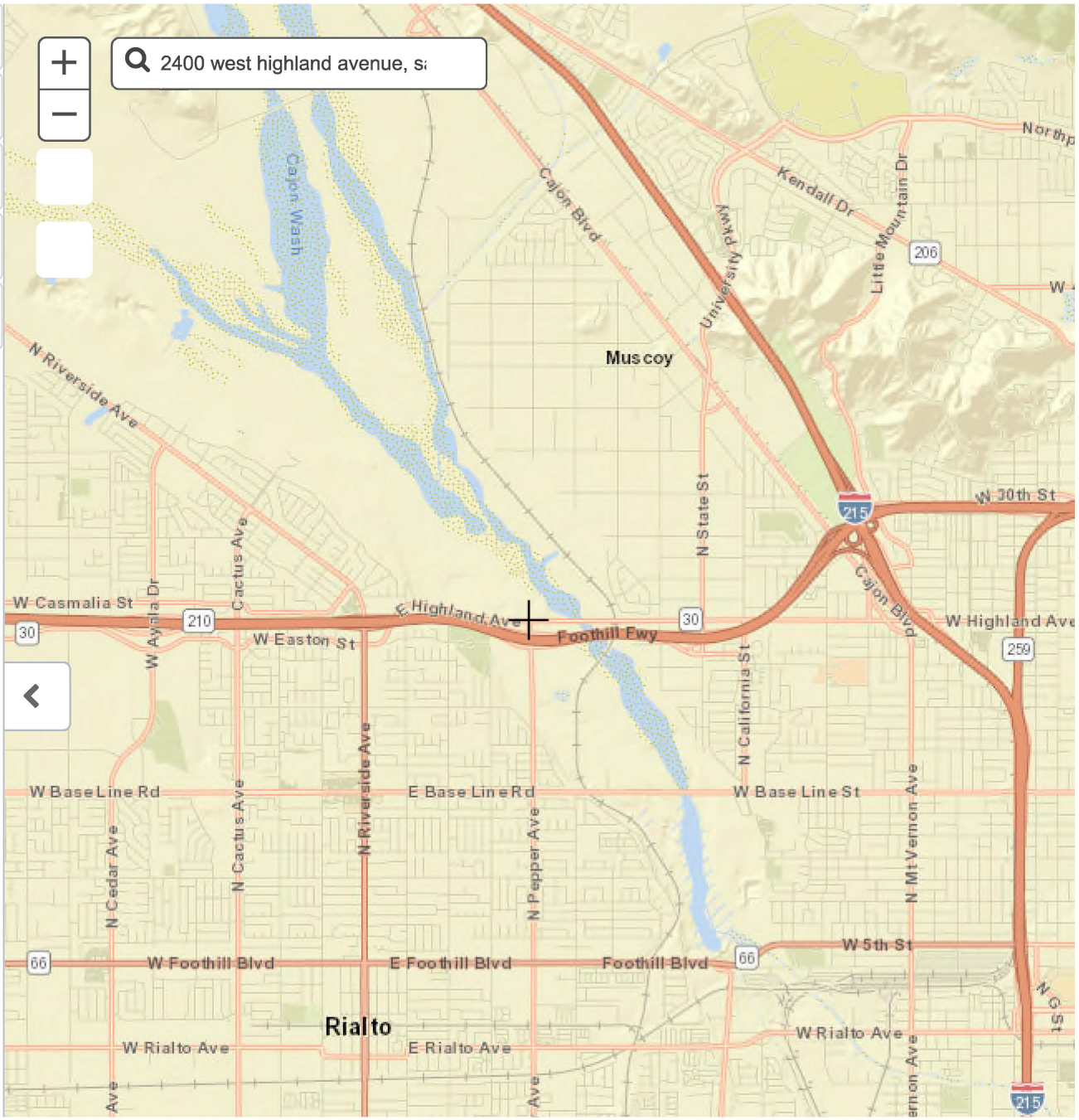
Footnotes

- I: Internal
- E: External

Well Finder
CalGEM GIS

More Info | Help | ©

- Well Status and Well Type Filter
- Search
- Zoom to Field
- Measurement
- Layers





Legend

- Accidents (Liquid)
- Incidents (Gas)
- LNG Plants
- Breakout Tanks
- Gas Transmission Pipelines
- Hazardous Liquid Pipelines

500 m
1000 ft

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov.

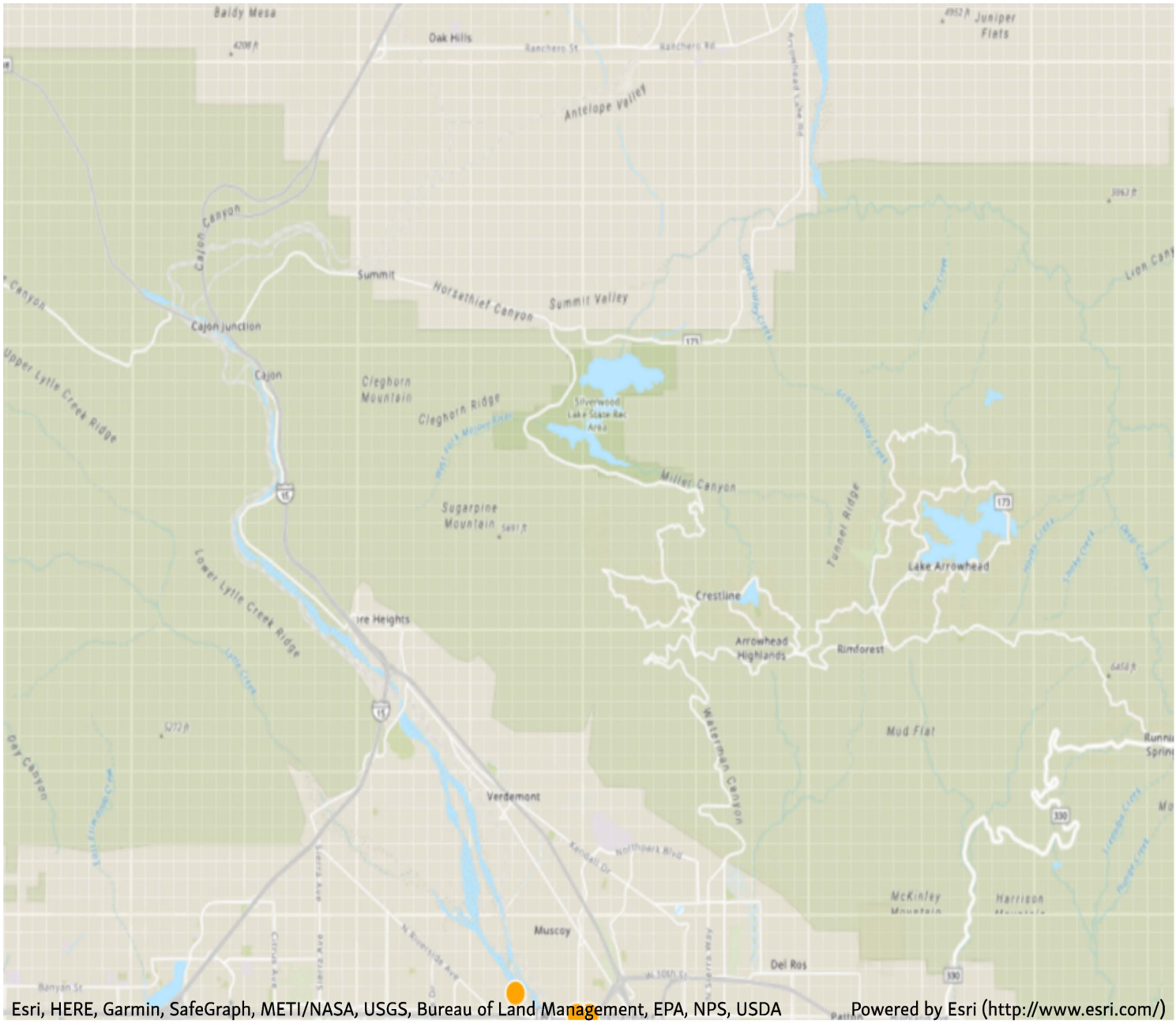
Projection: Geographic

Datum: NAD83

Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

Date Printed: Feb 28, 2020

811 Know what's below. Call before you dig.



SEARCH RESULTS

10 Results

Street: Highland ✖ Zip: 92407 ✖ Clear all Filters

Show Map

Sort: Status

187567 (.allListModal)

Facility Name ARCO AM/PM TESORO REFINING & MKTG CO

Facility Address: 2122 HIGHLAND AVE, SAN BERNARDINO, CA 92407

Status: ACTIVE

191110 (.allListModal)

Facility Name HIGHLAND FAMILY INC.

Facility Address: 1933 W HIGHLAND AVE, SAN BERNARDINO, CA 92407
Status: ACTIVE

182571 (.allListModal)
Facility Name NEW CINGULAR WIRELESS PCS, LLC
Facility Address: 2115 W HIGHLAND AVE, SAN BERNARDINO, CA 92407
Status: ACTIVE

34281 (.allListModal)
Facility Name CALMAT CO
Facility Address: 2400 W HIGHLAND AVE, SAN BERNARDINO, CA 92407
Status: ACTIVE

85443 (.allListModal)
Facility Name ARCO DLR
Facility Address: 1933 W HIGHLAND AVE, SAN BERNARDINO, CA 92407

129468 (.allListModal)
Facility Name BEST WOOD PRODUCTS, INC.
Facility Address: 2192 W HIGHLAND AVE, SAN BERNARDINO, CA 92407

30543 (.allListModal)
Facility Name UNION DLR, RON'S UNION
Facility Address: 106 E HIGHLAND, SAN BERNARDINO, CA 92407

182846 (.allListModal)
Facility Name ANTHEM OIL INC
Facility Address: 1933 W HIGHLAND AVE, SAN BERNARDINO, CA 92407

140256 (.allListModal)

Facility Name HIGHLAND GAS & FOOD

Facility Address: 1933 W HIGHLAND AVE, SAN BERNARDINO, CA 92407

126265 (.allListModal)

Facility Name HIGHLAND MINI MARKET & GAS

Facility Address: 1933 W HIGHLAND AVE, SAN BERNARDINO, CA 92407

Export all records to Excel

South Coast Air Quality Management District

21865 Copley Dr, Diamond Bar, CA 91765

909-396-2000

© 2018 South Coast Air Quality Management District

CALMAT CO



Address: 2400 W HIGHLAND AVE, SAN BERNARDINO, CA 92407

Facility ID: 34281

Status: ACTIVE

Back Fees Due: No.

SIC Code 3273 READY-MIXED CONCRETE

Equipment List

14 Results

Sort: Application Number

583598

BAGHOUSE, AMBIENT TEMP (>100-500 SQ FT)

Application Status : PERMIT TO OPERATE GRANTED

Permit Status : ACTIVE

Permit Number: G40921

Issue Date : 06/23/2016

Application Date : 03/29/2016

Type : Control

583086

AGGREGATE PRODUCTN/CRUSHING (<5000 TPD)
Application Status : PERMIT TO OPERATE GRANTED
Permit Status : ACTIVE
Permit Number: G40920
Issue Date : 06/23/2016
Application Date : 03/08/2016
Type : Basic

562519

SERV STAT STORAGE & DISPENSING GASOLINE
Application Status : PERMIT TO OPERATE GRANTED
Permit Status : ACTIVE
Permit Number: N28267
Issue Date : 04/19/2014
Application Date : 03/19/2014
Type : Basic

458008

AGGREGATE PRODN/CRUSH >= 5000 TPD
Application Status : PERMIT TO OPERATE GRANTED
Permit Status : INACTIVE
Permit Number: F83288
Issue Date : 07/20/2006
Application Date : 06/23/2006
Type : Basic

448871

AGGREGATE PRODN/CRUSH >= 5000 TPD
Application Status : PERMIT TO OPERATE GRANTED
Permit Status : INACTIVE
Permit Number: F78462
Issue Date : 10/04/2005
Application Date : 09/21/2005
Type : Basic

443288

SERV STAT STORAGE & DISPENSING GASOLINE
Application Status : PERMIT TO OPERATE GRANTED
Permit Status : INACTIVE
Permit Number: N17111
Issue Date : 05/11/2005

Application Date : 04/28/2005
Type : Basic

418546
AGGREGATE PRODN/CRUSH >= 5000 TPD
Application Status : APPLICATION CANCELLED, KEEP ALL FEES
Application Date : 08/01/2003
Type : Basic

409022
AGGREGATE PRODN/CRUSH >= 5000 TPD
Application Status : PERMIT TO OPERATE GRANTED
Permit Status : INACTIVE
Permit Number: F58190
Issue Date : 01/29/2003
Application Date : 11/15/2002
Type : Basic

388516
AGGREGATE PRODN/CRUSH >= 5000 TPD
Application Status : PERMIT TO OPERATE GRANTED
Permit Status : INACTIVE
Permit Number: F48632
Issue Date : 02/05/2002
Application Date : 06/21/2001
Type : Basic

Export all records to Excel

1 2 > >>

CALMAT CO

Address: 2400 W HIGHLAND AVE, SAN BERNARDINO, CA 92407

Facility ID: 34281

Status: ACTIVE

Back Fees Due: No.

SIC Code 3273 READY-MIXED CONCRETE

Equipment List

14 Results

Sort: Application Number

233625

BAGHOUSE, AMBIENT TEMP (>500 SQ FT)

Application Status : APPLICATION CANCELLED, REFUND ALL FEES

Application Date : 07/03/1990

Type : Control

225615

AGGREGATE PRODUCTION/CRUSHING

Application Status : PERMIT TO OPERATE GRANTED
Permit Status : INACTIVE
Permit Number: D63770
Issue Date : 10/15/1992
Application Date : 04/02/1990
Type : Basic

173900

SERV STAT STORAGE & DISPENSING GASOLINE
Application Status : PERMIT TO OPERATE GRANTED
Permit Status : INACTIVE
Permit Number: M95904
Issue Date : 09/06/1990
Application Date : 08/26/1988
Type : Basic

173900

AMINE TREATING
Application Status : PERMIT TO OPERATE GRANTED
Permit Status : INACTIVE
Permit Number: M95904
Issue Date : 09/06/1990
Application Date : 08/26/1988
Type : Control

02490E

STORAGE TANK AGGREGATE
Application Status : PERMIT TO OPERATE GRANTED
Permit Status : INACTIVE
Permit Number: M39146
Issue Date : 06/27/1984
Application Date : 04/10/1981
Type : Basic

APPLICATION DETAILS : 583598

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
New Construction (Permit to Construct)

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
BAGHOUSE, AMBIENT TEMP (>100-500 SQ FT)

Application Received
03/29/2016

Application Deemed Complete
04/28/2016

Permit Status
ACTIVE

Permit Number

G40921

Engineer Information

Engineer Assigned

DEREK K HOLLINSHEAD

Engineer Phone

(909) 396 - 2275

Team Assigned

D1

APPLICATION DETAILS : 583086

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Alteration/Modification

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
AGGREGATE PRODUCTN/CRUSHING (<5000 TPD)

Application Received
03/08/2016

Application Deemed Complete
04/07/2016

Permit Status
ACTIVE

Permit Number

G40920

Engineer Information

Engineer Assigned

DEREK K HOLLINSHEAD

Engineer Phone

(909) 396 - 2275

Team Assigned

D1

APPLICATION DETAILS : 562519

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Alteration/Modification

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
SERV STAT STORAGE & DISPENSING GASOLINE

Application Received
03/19/2014

Application Deemed Complete
04/17/2014

Permit Status
ACTIVE

Permit Number

N28267

Engineer Information

Engineer Assigned

RANDY MATSUYAMA

Engineer Phone

(909) 396 - 2551

Team Assigned

O

APPLICATION DETAILS : 458008

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Alteration/Modification

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
AGGREGATE PRODN/CRUSH >= 5000 TPD

Application Received
06/23/2006

Application Deemed Complete
06/29/2006

Permit Status
INACTIVE

Permit Number

F83288

Engineer Information

APPLICATION DETAILS : 448871

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Alteration/Modification

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
AGGREGATE PRODN/CRUSH >= 5000 TPD

Application Received
09/21/2005

Application Deemed Complete
09/30/2005

Permit Status
INACTIVE

Permit Number

F78462

Engineer Information

APPLICATION DETAILS : 443288

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Alteration/Modification

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
SERV STAT STORAGE & DISPENSING GASOLINE

Application Received
04/28/2005

Application Deemed Complete
05/07/2005

Permit Status
INACTIVE

Permit Number

N17111

Engineer Information

Engineer Assigned

RANDY MATSUYAMA

Engineer Phone

(909) 396 - 2551

Team Assigned

J

APPLICATION DETAILS : 418546

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Change of Conditions

Application Status
APPLICATION CANCELLED, KEEP ALL FEES

Equipment Desc
AGGREGATE PRODN/CRUSH >= 5000 TPD

Application Received
08/01/2003

Application Deemed Complete
08/31/2003

Permit Status

Permit Number

Engineer Information

Engineer Assigned

DEREK K HOLLINSHEAD

Engineer Phone

(909) 396 - 2275

Team Assigned

D

APPLICATION DETAILS : 409022

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Alteration/Modification

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
AGGREGATE PRODN/CRUSH >= 5000 TPD

Application Received
11/15/2002

Application Deemed Complete
12/10/2002

Permit Status
INACTIVE

Permit Number

F58190

Engineer Information

Engineer Assigned

DEREK K HOLLINSHEAD

Engineer Phone

(909) 396 - 2275

Team Assigned

D

APPLICATION DETAILS : 388516

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Alteration/Modification

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
AGGREGATE PRODN/CRUSH >= 5000 TPD

Application Received
06/21/2001

Application Deemed Complete
06/22/2001

Permit Status
INACTIVE

Permit Number

F48632

Engineer Information

Engineer Assigned

DEREK K HOLLINSHEAD

Engineer Phone

(909) 396 - 2275

Team Assigned

D

APPLICATION DETAILS : 233625

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
New Construction (Permit to Construct)

Application Status
APPLICATION CANCELLED, REFUND ALL FEES

Equipment Desc
BAGHOUSE, AMBIENT TEMP (>500 SQ FT)

Application Received
07/03/1990

Application Deemed Complete
07/03/1990

Permit Status

Permit Number

Engineer Information

APPLICATION DETAILS : 225615

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Equipment On-Site But Not Constructed or Operational

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
AGGREGATE PRODUCTION/CRUSHING

Application Received
04/02/1990

Application Deemed Complete
04/02/1990

Permit Status
INACTIVE

Permit Number

D63770

Engineer Information

APPLICATION DETAILS : 173900

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Old Proration

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
SERV STAT STORAGE & DISPENSING GASOLINE ; AMINE TREATING

Application Received
08/26/1988

Application Deemed Complete
09/06/1990

Permit Status
INACTIVE

Permit Number

M95904

Engineer Information

APPLICATION DETAILS : 173900

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Old Proration

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
SERV STAT STORAGE & DISPENSING GASOLINE ; AMINE TREATING

Application Received
08/26/1988

Application Deemed Complete
09/06/1990

Permit Status
INACTIVE

Permit Number

M95904

Engineer Information

APPLICATION DETAILS : 173900

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Old Proration

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
SERV STAT STORAGE & DISPENSING GASOLINE ; AMINE TREATING

Application Received
08/26/1988

Application Deemed Complete
09/06/1990

Permit Status
INACTIVE

Permit Number

M95904

Engineer Information

APPLICATION DETAILS : 02490E

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Facility Status
ACTIVE

Application Information

Application Type
Alteration/Modification

Application Status
PERMIT TO OPERATE GRANTED

Equipment Desc
STORAGE TANK AGGREGATE

Application Received
04/10/1981

Application Deemed Complete

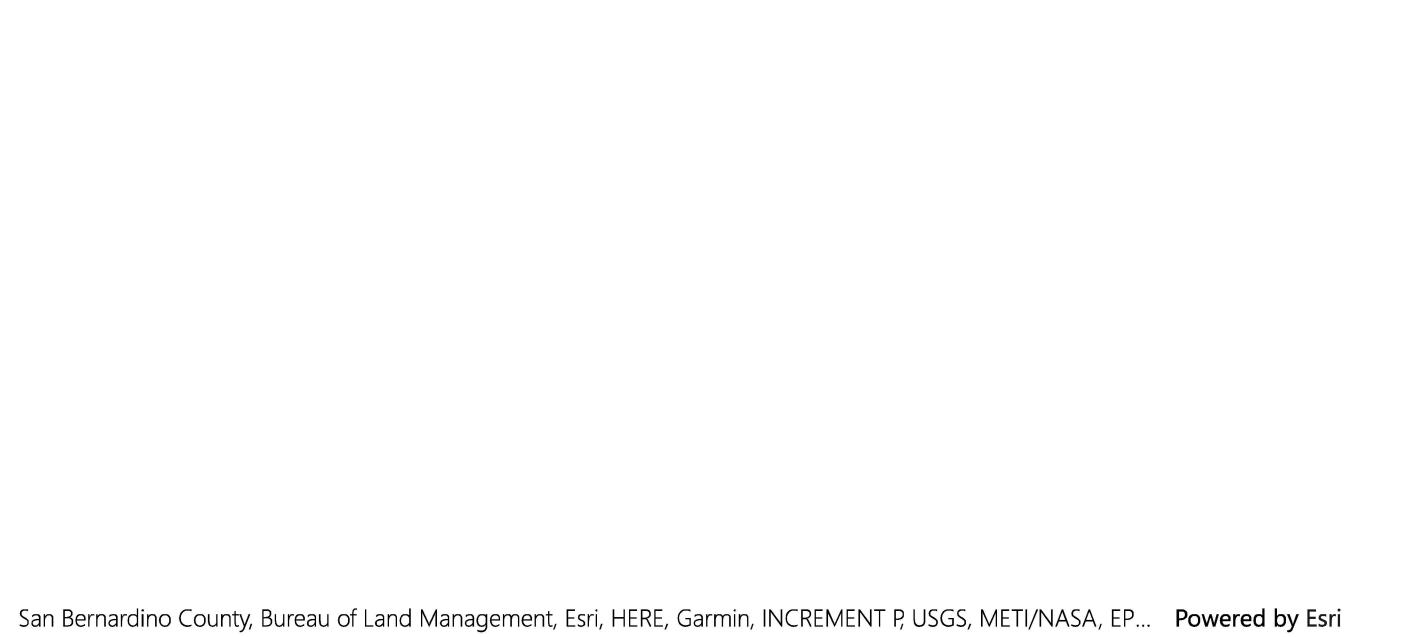
Permit Status
INACTIVE

Permit Number

M39146

Engineer Information

CALMAT CO



Address: 2400 W HIGHLAND AVE, SAN BERNARDINO, CA 92407

Facility ID: 34281

Status: ACTIVE

Back Fees Due: No.

SIC Code 3273 READY-MIXED CONCRETE

Equipment List

Compliance

Notices of Violation

1 Results

Sort: Notice Issue Date

P58986

Notice Issue Date: 04/25/2012

Violation Date: 08/30/2011

Disposition Date: 08/30/2012

Disposition: Closed Case

Export all records to Excel

Notices to Comply

NONE

NOV/NC DETAILS: P58986

Notice Information

Violation Date
08/30/2011

Issue Date
04/25/2012

Notice Type
NOV

Facility Information

Business Name
CALMAT CO

Facility ID
34281

Address
2400 W HIGHLAND SAN BERNARDINO, CA 92407

Violation Information

Violation Description
The facility was operating an engine driving a front end loader (serving equip. under P/O G12409) contrary to the conditions specified on the permit (w/o a diesel oxidation catalyst).

Equipment Description
front end loader engine serving aggregate plant

Follow Up Status
In Compliance

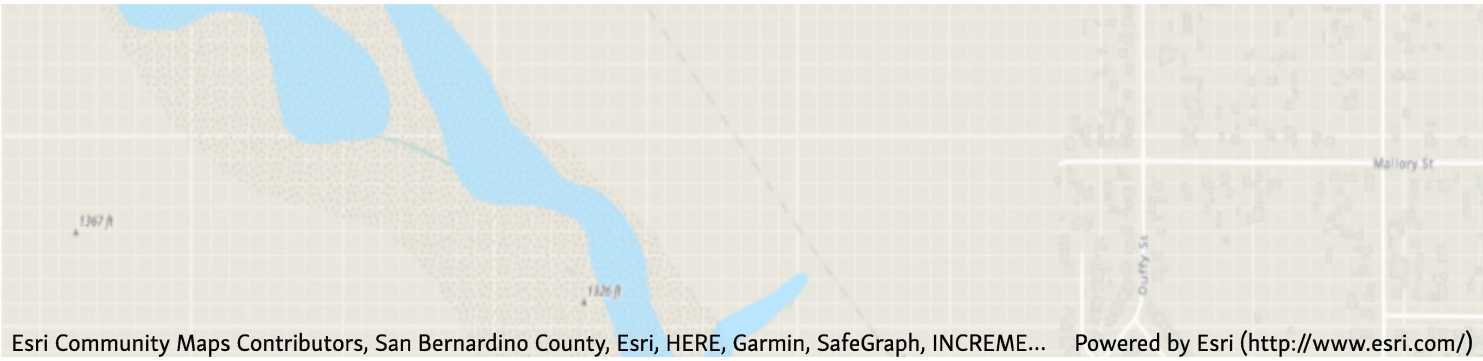
Disposition

Closed Case

Disposition Date

08/30/2012

Rule



SEARCH RESULTS

1 Results

Street: Highland ✖ Zip: 92376 ✖ Clear all Filters

Show Map

Sort: Status

150788 (.allListModal)

Facility Name COOLEY EQUIPMENT CORPORATION

Facility Address: 2400 W HIGHLAND AVE, RIALTO, CA 92376

Status: ACTIVE

Export all records to Excel

South Coast Air Quality Management District

21865 Copley Dr, Diamond Bar, CA 91765

909-396-2000

COOLEY EQUIPMENT CORPORATION



Address: 2400 W HIGHLAND AVE, RIALTO, CA 92376

Facility ID: 150788

Status: ACTIVE

Back Fees Due: Yes. Please contact your AQMD Customer Service Rep. at (909) 396-2900, or call toll-free (866) 888-8838.

Equipment List

1 Results

Sort: Application Number

465034

AGGREGATE PRODUCTN/CRUSHING (<5000 TPD)

Application Status : APPLICATION CANCELLED, FOR NON-PAYMENT OVER 1 YEAR

Application Date : 01/31/2007

Type : Basic

APPLICATION DETAILS : 465034

Facility Information

Business Name
COOLEY EQUIPMENT CORPORATION

Facility ID
150788

Facility Status
ACTIVE

Application Information

Application Type
New Construction (Permit to Construct)

Application Status
APPLICATION CANCELLED, FOR NON-PAYMENT OVER 1 YEAR

Equipment Desc
AGGREGATE PRODUCTN/CRUSHING (<5000 TPD)

Application Received
01/31/2007

Application Deemed Complete
02/07/2007

Permit Status

Permit Number

Engineer Information

Engineer Assigned

DEREK K HOLLINSHEAD

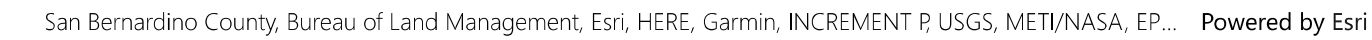
Engineer Phone

(909) 396 - 2275

Team Assigned

D

COOLEY EQUIPMENT CORPORATION



Address: 2400 W HIGHLAND AVE, RIALTO, CA 92376

Facility ID: 150788

Status: ACTIVE

Back Fees Due: Yes. Please contact your AQMD Customer Service Rep. at (909) 396-2900, or call toll-free (866) 888-8838.

Equipment List

Compliance

Notices of Violation

NONE

Notices to Comply

NONE

TRACKING SHEET FOR BUSINESS PLANS

Establishment # FA 7904

Facility Name: CalMat DBA Vulcan Materials - Asphalt Division

Facility site address: 2350 W. Highland Avenue

City: San Bernardino

Fire Agency:

2 (# of copies)		Sent to FD
Business Plan Received	8/27/03	9/11/03
Result of Review(s)		
Deficiency		/ /
Conditional Approval		/ /
Approval		/ /
Revised Plan(s) Received	/ /	/ /
	/ /	/ /

Other Date	Action/documentation (update, new plan, etc.)	Staff Hours
2/19/04	BP - reviewed & Accepted (no letter sent) LH	
03/02/04	BP - update new plan FD 3-3-04	
08/27/04	BP Accepted LH	
4/24/07	Complete BP submitted gle	
2/26/08	BP complete recd mb FD 2/20/08	
2/19/10	BP Complete recd mb FD 2/23/10	
7/19/10	BP UPDATE recd mb FD 7/13/10	
7/12/11	BP Processed mb	
3/13/11	BP Received gle	
8/18/11	BP Received gle	
/ /		

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

BUSINESS OWNER / OPERATOR IDENTIFICATION

FACILITY ID #	F	A	0	0	0	7	9	0	4

(This number is on your CUPA permit.)

EFFECTIVE DATE 100	ENDING DATE 101
1-1-11	12-31-11

BUSINESS NAME (Same as FACILITY NAME or DBA)	BUSINESS PHONE
CALMAT CO. DBA VULCAN MATERIALS COMPANY	(909) 875-1150

BUSINESS SITE ADDRESS 103
2350 W. HIGHLAND AVENUE

CITY 104	COUNTY 108	STATE	ZIP CODE 105
SAN BERNARDINO	**SAN BERNARDINO**	**CA**	92407

D&B NUMBER	PRIMARY SIC/NAICS CODE 107	DESCRIPTION OF BUSINESS ACTIVITY FOR THIS PRIMARY SIC CODE
05-300-0767	2951	ASPHALT PAVING MIXTURES

BUSINESS OPERATOR NAME 109	BUSINESS OPERATOR PHONE 110
VULCAN MATERIALS	(909) 875-1150

II. BUSINESS OWNER

OWNER NAME 111	OWNER PHONE 112
CALMAT CO. DBA VULCAN MATERIALS COMPANY	(323) 258-2777

OWNER MAILING ADDRESS 113
3200 SAN FERNANDO ROAD

CITY 114	STATE 115	ZIP CODE 116
LOS ANGELES	**CA**	**90065**

III. ENVIRONMENTAL CONTACT

CONTACT NAME	CONTACT PHONE 118
Charles St. John	323-474-3251

CONTACT MAILING ADDRESS 119
3200 San Fernando Road

CITY 120	STATE 121	ZIP CODE 122
Los Angeles	**CA**	**90065**

IV. EMERGENCY CONTACTS*

- PRIMARY -	- SECONDARY -
NAME 123: John Spear III	NAME 128: ANDY MEEDER
TITLE 124: District Manager	TITLE 129: PLANT FOREMAN
BUSINESS PHONE 125: 714-546-0622	BUSINESS PHONE: (909) 875-5180
HOME PHONE **(NOT CONFIDENTIAL - SEE NOTE BELOW)**	HOME PHONE **(NOT CONFIDENTIAL - SEE NOTE BELOW)**
OTHER 24-HOUR PHONE **(NOT CONFIDENTIAL – SEE NOTE BELOW)**: 949-466-7619	24-HOUR PHONE **(NOT CONFIDENTIAL – SEE NOTE BELOW)** 131
PAGER/CELL # 127	PAGER /CELL # 132

*HOME PHONE NUMBERS ARE REQUIRED FOR ALL HAZARDOUS WASTE GENERATORS. **IF YOU WISH TO KEEP 24-HOUR OR HOME PHONE NUMBERS CONFIDENTIAL, FILE THE CONFIDENTIAL EMERGENCY CONTACT PAGE (PAGE 3) AND LEAVE THE ABOVE 24 HR FIELDS BLANK.** ALSO USE THE SEPARATE PAGE (PAGE 3) TO DESIGNATE MORE THAN 2 EMERGENCY COORDINATORS.

V. SIGNATURE

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER *(print)* 136	DATE 134
[signature]	Jeff Farley	2/28/12

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LOCALLY COLLECTED INVENTORY INFORMATION

I. FACILITY IDENTIFICATION

FACILITY ID #	F	A	0	0	0	7	9	0	4	(This number is on your CUPA permit.)

BUSINESS NAME (Same as FACILITY NAME or DBA) 3
CALMAT CO. DBA VULCAN MATERIALS COMPANY

FACILITY ADDRESS	CITY
2350 W. HIGHLAND AVENUE	SAN BERNARDINO 104

II. ADDITIONAL CONTACT & OPERATIONS INFORMATION

BUSINESS MAILING ADDRESS	CITY	STATE	ZIP CODE
3200 SAN FERNANDO ROAD	LOS ANGELES	CA	90065

BUSINESS FAX NUMBER	BUSINESS E-MAIL
(323) 258-3289	

NOTE: ALL CORRESPONDENCE, INVOICES, PERMITS, AND NOTICES WILL BE SENT TO THE ABOVE ADDRESS

Total # of Employees per shift	SHIFT 1	SHIFT 2	SHIFT 3	HOURS OF OPERATION
	5	0	0	24 HOURS

Total # of employees at this facility (as reported on your most recent tax withholding forms.):	TOTAL # EMPLOYEES	TAXPAYER ID NUMBER
	5	95-0645790

ASSESSORS PARCEL NUMBER (S)	CROSS STREET

BUSINESS DESCRIPTION
HOT MIX PAVING ASPHALT

Number of Underground Storage Tanks located at this facility	FIVE

Does this facility:

1. Generate, handle or store any Perchlorate-containing substance or waste on site? ☐ YES ☒ NO
2. Generate, handle or store any PCB ballasts on site? ☐ YES ☒ NO
   If yes, must include PCB ballasts as hazardous waste on inventory summary and chemical description pages.
3. Generate any amount of Universal Waste (mercury containing devices, non-empty aerosols, electronic devices, fluorescent light tubes, non-automotive batteries)? ☐ YES ☒ NO
4. Generate more than 220 pounds (100 kg) of RCRA hazardous waste including Universal Waste except CRT materials in a calendar month? ☐ YES ☒ NO
5. Accumulate more than 11,000 pounds (5,000 kg) of Universal Waste at any time in a calendar year? ☐ YES ☒ NO
   If yes, must obtain a federal EPA ID number and submit copy of notification to CUPA.
6. Receive Mercury-containing Universal Waste from another Universal Waste Handler? ☐ YES ☒ NO
   If yes, must include mercury-containing wastes as hazardous waste on inventory summary & chemical description pages.
7. Process (dismantle, puncture, etc.) any Universal Wastes? ☐ YES ☒ NO
   If yes, must notify DTSC of processing activity prior to operation.

Provide the name(s) of all Universal Wastes handled or generated on site:

Fluorescent Bulbs

If you need more information, get the Managing Universal Waste fact sheet from the website of DTSC, this CUPA, or by calling our office.

Does this facility have a laboratory on site ☐ YES* ☒ NO

* If yes, attach a general description of the laboratory and a **brief** description of the type(s) and quantity of hazardous materials in the lab.

III. VULNERABLE POPULATIONS

Is there a school, hospital, or extended care facility within 1,000 ft. (straight-line distance) of this facility? ☐ YES ☒ NO

If yes, attach page with the name and address of each school hospital or extended care facility site within 1000 ft.

Date: _____

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USINESS NAME (Same as FACILITY NAME or DBA)		
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION		
FACILITY ADDRESS 2350 W. HIGHLAND AVENUE	103	CITY SAN BERNARDINO	104

EMERGENCY RESPONSE PLANS & PROCEDURES - AGENCY NOTIFICATION
POST BY PHONE

Agency Notification: **If a situation is an emergency, call 911 first.** Additionally, a handler of hazardous materials is required to immediately report any release or threatened release of a hazardous material to San Bernardino County Fire Department, Hazardous Materials Division and the Governor's Office of Emergency Services. Spills exceeding federal reportable quantities require additional notification to the National Response Center. However, California statute does not limit the requirement to report to any specific quantity. **Also note that calling 911 does not meet the requirement for the handler to report a release and that the local fire department cannot make required notifications on behalf of the handler.** This CUPA requires a written report within 15 days after any reportable release or threatened release. Contact the CUPA for further guidance.

Agency	Phone Number
1. *Local Emergency Response Agency (if an emergency)	**911**
2. *San Bernardino County Fire Department Hazardous Materials Division	**(800) 33-TOXIC** or **(909) 386-8425**
3. *State of California, Governor's Office of Emergency Services	**(800) 852-7550** or **(916) 845-8911**
4. National Response Center	**(800) 424-8802**
5. Other Agencies *(Cal OSHA, Regional Board, Air Quality, as applicable)*	

(* Indicates mandatory notification.)

REGIONAL WATER QUALITY CONTROL BOARD	(909) 320-2027
Agency Name	*Phone Number*
Agency Name	*Phone Number*
Agency Name	*Phone Number*

EMERGENCY INFORMATION REQUIRED: BE PREPARED TO PROVIDE THE FOLLOWING INFORMATION

- Name & phone number of person reporting
- Name and street address of the business
- Location of the incident or threatened release
- Type of incident or threatened release
- Hazardous materials involved & physical state
- Hazards to human health and/or environment
- Actions taken or planned
- Contractor or cleanup company
- Estimate of the quantity released
- Media (soil, water, air) into which release occurred
- Precautions to take (if known)
- Time and duration of the release
- Is the chemical an extremely hazardous substance?
- Extent of injuries, if any
- Is any assistance required?

Release reporting citations (California Health and Safety Code):

§ 25501. Definitions:
(r) "Release" means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment, unless permitted or authorized by a regulatory agency.
(u) "Threatened release," means a condition creating a substantial probability of harm, when the probability and potential extent of harm make it reasonably necessary to take immediate action to prevent, reduce, or mitigate damages to persons, property, or the environment.

§ 25507(a) ... the handler or any employee, authorized representative, agent, or designee of a handler shall, upon discovery, immediately report any release or threatened release of a hazardous material to the administering agency, and to the office, in accordance with the regulations adopted pursuant to Section 25503. Each handler and any employee, authorized representative, agent, or designee of a handler shall provide all state, city, or county fire or public health or safety personnel and emergency rescue personnel with access to the handler's facilities.

See Appendix G for further citations and explanation.

Date: _____

CUPA
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620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS NAME (Same as FACILITY NAME or DBA)			
ALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION			
FACILITY ADDRESS 2350 W. HIGHLAND AVENUE	103	CITY SAN BERNARDINO	104

EMERGENCY RESPONSE PLANS AND PROCEDURES

State Law requires your business to complete all sections of the Emergency Response Procedure listed below:

For each of the following, **briefly** describe your business's standard operating procedures relating to the release or threatened release of hazardous materials located at your facility. You may attach additional pages if necessary, but do not include copies of facility manuals unless requested to do so by this Department. You may reference manuals that are used by your facility for these procedures, but you must still give a brief description here.

EVACUATION/NOTIFICATION: Indicate location(s) where employees, customers, visitors or others on site are to evacuate in an emergency. Describe how your business will immediately notify people and evacuate the facility in the event of a release or threatened release of hazardous materials. Include the route and meeting place.

LOCAL FIRE DEPT. WILL BE NOTIFIED FIRST AND OTHER AGENCIES AS REQUIRED.

ALL NON-ESSENTIAL PERSONNEL WILL BE EVACUATED TO STAGING AREA.

TELEPHONE AND VOICE COMMUNICATION.

PREVENTION/MITIGATION/ABATEMENT: Describe what policies and procedures your business will follow to prevent, reduce and/or remove the hazard to persons, property or the environment caused by a release or threatened release of hazardous materials and/or hazardous wastes. (√ Check those items that apply and write additional information in the space provided).

☒ Reduction of containers on site if not used or needed.
☒ Containers are properly labeled and closed when not in use.
☒ Compressed gas cylinders are properly secured.
☒ Use of monitoring system. Type: **VEEDER ROOT**
☒ Other:

OXYGEN/ACETYLENE: STORE IN UPRIGHT POSITION.

SPILLS OF LIQUID ASPHALT WILL BE CONTAINED WITH DIRT BERM.

Date: _____

CUPA
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BUSINESS NAME (Same as FACILITY NAME or DBA)		
ALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION		
FACILITY ADDRESS 2350 W. HIGHLAND AVENUE	103	CITY SAN BERNARDINO	104

EMERGENCY RESPONSE PLANS AND PROCEDURES – PAGE 2

FACILITY TRAINING PLAN: Describe employee and operator training including local emergency response coordination, use of facility emergency equipment, and provisions for initial and refresher training. In addition, describe training for hazardous materials/waste handling as required by OSHA. (√ Check those items that apply and write additional information in the space provided)

- ☒ New employee training.
- ☒ Annual training & periodic refresher courses.
- ☒ Familiarization with the Emergency Response Plans and Procedures of this Business Plan.
- ☒ Spill control equipment
- ☒ Monitoring system
- ☒ Personal Protective Equipment
- ☒ On the job training. Describe below.
- ☐ Other:

All employees are trained with regard to HazCom (employee right-to-know), community right-to-know, Prop. 65, and stormwater runoff. Each one of the laws covered deals with accidental spill/release and/or required actions necessary to identify, contain, clean up and properly dispose of hazardous material spills. This would include virgin materials as well as hazardous wastes.

Employees are familiarized with hazardous materials, related personal protective equipment required to handle materials and methods for spill control of releases through individual MSDS training following the annual refresher training. This is an on-going process and is additionally implemented upon the entry of a new material into the workplace.

EMERGENCY PROCEDURES: Give duties of the Emergency Coordinator and how implementation of Facility Emergency Response will be accomplished. (e.g. Notification, evacuation, emergency coordination) (√ Check those items that apply and write additional information in the space provided)

Emergency Coordinator will:

- ☒ Identify potential hazards and determine whether a release has occurred.
- ☒ Activate local emergency systems (e.g. manual shutoff devices) and take appropriate immediate actions based on level of training and the ability to act safely.
- ☒ Coordinate the notification and evacuation of employees and customers from the facility.
- ☒ Make required agency notifications and request needed assistance.
- ☒ Assist responding agencies by providing access to the facility and information about the facility.
- ☐ Other:

Date: _____

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BUSINESS NAME (Same as FACILITY NAME or DBA)
ALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS	103	CITY	104
2350 W. HIGHLAND AVENUE		SAN BERNARDINO	

EMERGENCY RESPONSE PLANS AND PROCEDURES – PAGE 3

FACILITY EMERGENCY EQUIPMENT: List facility emergency equipment on site (fire extinguisher, fire alarms, spill control equipment, SCBA, first aid kits, etc.); include test/maintenance plan. (√ Check those items that apply and write additional information in the space provided)

	Equipment	Quantity/Type	Maintenance Schedule/Frequency
☒	Fire extinguisher(s)	11	Monthly
☒	First aid kit(s)	1	Bi-Monthly
☐	Fire alarm(s)		
☒	Spill control equipment	7	As needed
☒	Monitoring system	1	Monthly
☒	Personal Protective Equipment	(30) Hard Hats; (96 prs.) Safety Glasses;	Daily
☐		(4 prs.) Steel Toe Caps	Daily
☐			
☐			
☐			

FACILITY EARTHQUAKE RESPONSE: Identify areas of the facility as well as mechanical or other systems that require immediate inspection due to their vulnerability to earthquake related ground motion. (E.g. Hazardous materials or waste storage locations, vessels, piping, pipe and tank supports, valves, gauges, etc.) (√ Check those items that apply and write additional information in the space provided)

- ☐ Chemical Storage Locations – Product and Waste
- ☐ Process vessels
- ☒ Aboveground storage tanks
- ☒ Emergency shut-off systems
- ☒ Piping and pipe supports
- ☒ Utility connections
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

ARRANGEMENTS/AGREEMENTS: Describe any arrangements or agreements that you have with private emergency response teams, waste haulers, disposal companies, recyclers, local hospitals, police or fire. If you have no arrangements or agreements, state that fact in the space provided. (√ Check those items that apply and write additional information in the space provided)

- ☐ Hazardous waste hauler _____
- ☐ Emergency response team _____
- ☐ Local Hospitals _____
- ☐ Other: _____
- ☒ No arrangements or agreements at this time

Date: _____

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 7 9 0 4 — 1 (This number is on your CUPA permit.)

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103
2350 W. HIGHLAND AVENUE

CITY 104
SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1	PG – GRADE PAVING ASPHALT	165	103	TONS
2	SC – GRADE PAVING ASPHALT	51	51	TONS
3	PROPANE	250	250	GAL
4	SS-1H EMULSION	8000	8500	GAL
5	OXYGEN	2160	240	CF
6	ACETYLENE	720	120	CF
7	DIESEL FUEL NO. 2	0	10000	GAL
8	ASPHALT ANTI-STRIP	825	275	GAL
9	AQUEOUS PARTS WASHER SOLUTION WASTE	15	15	GAL
10				
11				
12				

Summarize the business plan inventory on this page. Place this summary in front of inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, 200 cubic feet, or the threshold planning quantity of an extremely hazardous substance. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities MUST sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER (print) 136	DATE 134
John C Spear III	JOHN SPEAR	08/05/11

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HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

One page per item. Indicate if material OR waste (Do not combine material and waste on one form)

MAKE COPIES OF THIS FORM AS NEEDED.

ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 1

FACILITY ID #	F A 0 0 0 7 9 0 4 [redacted] 1	CHEMICAL LOCATION INFORMATION
BUSINESS NAME CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	FACILITY MAP # 1	GRID COORDINATE(S) C-3
BUSINESS SITE ADDRESS 2350 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME	TRADE SECRET ☒ NO Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME PG – GRADE PAVING ASPHALT (PG 64-10, PG 70-10)	EHS* ☐ YES ☒ NO
CAS#	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE? Yes ☐ No ☒ CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST

SIZE OF LARGEST CONTAINER: 103

FED HAZARD CATEGORIES ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
100	165		

UNITS* *(Check one item only)* ☐ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☒ d. TONS ☐ E. OTHER:

DAYS ON SITE: 365

STORAGE CONTAINER *(Check all that apply)*

☐ a. ABOVEGROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☒ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.	0-100	PETROLEUM ASPHALT	☐ YES ☒ NO	8052424
2.	< 0.1	HYDROGEN SULFIDE	☐ YES ☒ NO	7783064
3.	0-100	VACUUM TOWER BOTTOMS	☐ YES ☒ NO	64741566
4.	4-60	HEAVY NAPH. PETROLEUM DISTILLATES	☐ YES ☒ NO	64741533
5.	< 30	AROMATIC EXTRACT OIL	☐ YES ☒ NO	64741116

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

One page per item. Indicate if material OR waste (Do not combine material and waste on one form)

MAKE COPIES OF THIS FORM AS NEEDED.

ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 2

FACILITY ID #	F A 0 0 0 7 9 0 4 [redacted] 1	CHEMICAL LOCATION INFORMATION
BUSINESS NAME CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION		FACILITY MAP # 1 / GRID COORDINATE(s) C-3
BUSINESS SITE ADDRESS 2350 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME

TRADE SECRET ☒ NO
Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures

COMMON NAME
SC – GRADE PAVING ASPHALT (SC-800)

EHS* ☐ YES ☒ NO

CAS#

EHS = Extremely Hazardous Substance (Appdx B)
*If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE? Yes ☐ No ☒ CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST

SIZE OF LARGEST CONTAINER: 51

FED HAZARD CATEGORIES ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
25	51		

UNITS* *(Check one item only)* ☐ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☒ d. TONS ☐ E. OTHER:

DAYS ON SITE 365

STORAGE CONTAINER *(Check all that apply)*

☒ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER _____

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.	0-100	ASPHALT	☐ YES ☒ NO	8052424
2.	20-60	GAS OIL	☐ YES ☒ NO	64741442
3.	2-10	KEROSENE	☐ YES ☒ NO	8008206
4.	0-3	NAPHTHALENE	☐ YES ☒ NO	91203
5.	0-3	n-NONANE	☐ YES ☒ NO	111842

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

One page per item. Indicate if material OR waste (Do not combine material and waste on one form)
MAKE COPIES OF THIS FORM AS NEEDED.
ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 2

FACILITY ID #	F A 0 0 0 7 9 0 4 1	CHEMICAL LOCATION INFORMATION

BUSINESS NAME	FACILITY MAP #	GRID COORDINATE(s)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	1	C-3
BUSINESS SITE ADDRESS: 2350 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME

TRADE SECRET ☒ NO
Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures

COMMON NAME
SC – GRADE PAVING ASPHALT (SC-800) (CONTINUED FROM PREVIOUS PAGE)

EHS* ☐ YES ☒ NO

CAS#

EHS = Extremely Hazardous Substance (Appdx B)
*If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE? Yes ☐ No ☒ CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST

SIZE OF LARGEST CONTAINER: 51

FED HAZARD CATEGORIES ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
25	51		

UNITS* *(Check one item only)* ☐ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☒ d. TONS ☐ E. OTHER:

DAYS ON SITE: 365

TORAGE ONTAINER *(Check all that apply)*
☒ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.	0-2	HEXANE (OTHER ISOMERS)	☐ YES ☒ NO	MIXTURE
2.	0-2	N-HEPTANE	☐ YES ☒ NO	142825
3.	0-2	N-HEXANE	☐ YES ☒ NO	110543
4.	0-2	OCTANE (ALL ISOMERS)	☐ YES ☒ NO	111659
5.	< 0.5	XYLENE (O, M, P ISOMERS)	☐ YES ☒ NO	1330207

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

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ITEM NUMBER 2

FACILITY ID #	F A 0 0 0 7 9 0 4 [redacted] 1	CHEMICAL LOCATION INFORMATION
BUSINESS NAME CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	FACILITY MAP # 1	GRID COORDINATE(s) C-3
BUSINESS SITE ADDRESS 2350 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME	TRADE SECRET ☒ NO Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME SC – GRADE PAVING ASPHALT (SC-800) (CONTINUED FROM PREVIOUS PAGE)	EHS* ☐ YES ☒ NO
CAS#	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE | RADIOACTIVE? Yes ☐ No ☒ | CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST | SIZE OF LARGEST CONTAINER: 51

FED HAZARD CATEGORIES ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
25	51		

UNITS* *(Check one item only)* ☐ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☒ d. TONS ☐ E. OTHER: | DAYS ON SITE 365

TORAGE ONTAINER *(Check all that apply)*
☒ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1. < 0.5	ETHYLBENZENE	☐ YES ☒ NO	100414
2. < 0.5	HYDROGEN SULFIDE	☐ YES ☒ NO	7783064
3. < 0.5	TOLUENE	☐ YES ☒ NO	108883
4.		☐ YES ☐ NO	
5.		☐ YES ☐ NO	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA - HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

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ITEM NUMBER 3

FACILITY ID #	F A 0 0 0 7 9 0 4 [redacted]	CHEMICAL LOCATION INFORMATION
BUSINESS NAME CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	FACILITY MAP # 1	GRID COORDINATE(s) C-4
BUSINESS SITE ADDRESS 2350 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME PROPANE	TRADE SECRET ☒ NO Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME PROPANE	EHS* ☐ YES ☒ NO
CAS# 74986	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE — RADIOACTIVE? Yes ☐ No ☒ — CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS ☐ d. DUST — SIZE OF LARGEST CONTAINER: 250

FED HAZARD CATEGORIES ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
125	250		

UNITS* *(Check one item only)* ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER: — DAYS ON SITE 365

STORAGE CONTAINER *(Check all that apply)*

☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.		☐ YES ☐ NO	
2.		☐ YES ☐ NO	
3.		☐ YES ☐ NO	
4.		☐ YES ☐ NO	
5.		☐ YES ☐ NO	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

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ITEM NUMBER 4

FACILITY ID #	F A 0 0 0 7 9 0 4 [redacted]	CHEMICAL LOCATION INFORMATION
BUSINESS NAME CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	FACILITY MAP # 1	GRID COORDINATE(s) D-3
BUSINESS SITE ADDRESS 2350 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME ASPHALT EMULSION	TRADE SECRET ☒ NO Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME SS-1H ASPHALT EMULSION	EHS* ☐ YES ☒ NO
CAS#	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE — RADIOACTIVE? Yes ☐ No ☒ — CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST — SIZE OF LARGEST CONTAINER: 8500

FED HAZARD CATEGORIES ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
4000	8000		

UNITS* *(Check one item only)* ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER: — DAYS ON SITE: 365

STORAGE CONTAINER *(Check all that apply)*

☒ a. ABOVEGROUND TANK	☐ e. PLASTIC/NONMETALLIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.	< 10	ASPHALT	☐ YES ☒ NO	8052424
2.	36-45	WATER	☐ YES ☒ NO	7732185
3.	1-5	ALKALINE EMULSIFYING AGENT (NATURAL FATTY ACIDS SOAP OR LIGNIN SOAP)	☐ YES ☒ NO	MIXTURE
4.			☐ YES ☐ NO	
5.			☐ YES ☐ NO	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA - HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

One page per item. Indicate if material OR waste (Do not combine material and waste on one form)

MAKE COPIES OF THIS FORM AS NEEDED.

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ITEM NUMBER 5

FACILITY ID #	F A 0 0 0 7 9 0 4 [redacted] 1	CHEMICAL LOCATION INFORMATION
BUSINESS NAME CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION		FACILITY MAP # 1 / GRID COORDINATE(s) B-2
BUSINESS SITE ADDRESS 2350 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME OXYGEN	TRADE SECRET ☒ NO Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME OXYGEN	EHS* ☐ YES ☒ NO
CAS# 7782447	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE — RADIOACTIVE? Yes ☐ No ☒ — CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS ☐ d. DUST — SIZE OF LARGEST CONTAINER: 240

FED HAZARD CATEGORIES ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
1080	2160		

UNITS* *(Check one item only)* ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER: — DAYS ON SITE 365

TORAGE ONTAINER *(Check all that apply)*

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC/NONMETALLIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☒ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.		☐ YES ☐ NO	
2.		☐ YES ☐ NO	
3.		☐ YES ☐ NO	
4.		☐ YES ☐ NO	
5.		☐ YES ☐ NO	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
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HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

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ITEM NUMBER 6

FACILITY ID #	F A 0 0 0 7 9 0 4 1	CHEMICAL LOCATION INFORMATION
BUSINESS NAME CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION		FACILITY MAP # 1
BUSINESS SITE ADDRESS 2350 W. HIGHLAND AVENUE, SAN BERNARDINO		GRID COORDINATE(s) B-2

CHEMICAL INFORMATION

CHEMICAL NAME
ACETYLENE

TRADE SECRET ☒ NO
Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures

COMMON NAME
ACETYLENE

EHS* ☐ YES ☒ NO

CAS#
74862

EHS = Extremely Hazardous Substance (Appdx B)
*If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE

RADIOACTIVE? Yes ☐ No ☒ CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS ☐ d. DUST

SIZE OF LARGEST CONTAINER: 120

FED HAZARD CATEGORIES ☒ a. FIRE ☒ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
360	720		

UNITS* *(Check one item only)* ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER:

DAYS ON SITE: 365

TORAGE ONTAINER *(Check all that apply)*

☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.		☐ YES ☐ NO	
2.		☐ YES ☐ NO	
3.		☐ YES ☐ NO	
4.		☐ YES ☐ NO	
5.		☐ YES ☐ NO	

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NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

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ITEM NUMBER 7

FACILITY ID #	F A 0 0 0 7 9 0 4 [redacted] 1	CHEMICAL LOCATION INFORMATION
BUSINESS NAME CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	FACILITY MAP # 1	GRID COORDINATE(s) C-3/C-4
BUSINESS SITE ADDRESS 2350 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME	TRADE SECRET ☒ NO Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME WASTE AQUEOUS PARTS WASHER SOLVENT (Q-SOLV)	EHS* ☐ YES ☒ NO
CAS#	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE | RADIOACTIVE? Yes ☐ No ☒ | CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST | SIZE OF LARGEST CONTAINER: 25

FED HAZARD CATEGORIES ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
15	25	75	

UNITS* *(Check one item only)* ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER: | DAYS ON SITE 365

STORAGE CONTAINER *(Check all that apply)*

☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☒ r. OTHER PARTS WASHER

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1. 100	WATER WITH HYDROCARBONS	☐ YES ☒ NO	NA
2.		☐ YES ☐ NO	
3.		☐ YES ☐ NO	
4.		☐ YES ☐ NO	
5.		☐ YES ☐ NO	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA - HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

One page per item. Indicate if material OR waste (Do not combine material and waste on one form)

MAKE COPIES OF THIS FORM AS NEEDED.

ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 8

FACILITY ID #	F A 0 0 0 7 9 0 4 1	CHEMICAL LOCATION INFORMATION

BUSINESS NAME	FACILITY MAP #	GRID COORDINATE(S)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	1	E-3/E-4
BUSINESS SITE ADDRESS: 2350 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME: FATTY ADIMOAMINE

TRADE SECRET ☒ NO
Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures

COMMON NAME: LIQUID ANTI-STRIP

EHS* ☐ YES ☒ NO

CAS#

EHS = Extremely Hazardous Substance (Appdx B)
*If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)*: ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE? Yes ☐ No ☒ CURIES

PHYSICAL STATE *(Check one item only)*: ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST

SIZE OF LARGEST CONTAINER: 275

FED HAZARD CATEGORIES: ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
500	825		

UNITS* *(Check one item only)*: ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER:

DAYS ON SITE: 365

TORAGE ONTAINER *(Check all that apply)*:
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☒ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1. 90-100	FATTY AMIDOAMINE	☐ YES ☒ NO	14808607
2. 10	AMINOETHANOLAMINE	☐ YES ☒ NO	8052424
3.		☐ YES ☐ NO	
4.		☐ YES ☐ NO	
5.		☐ YES ☐ NO	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

One page per item. Indicate if material OR waste (Do not combine material and waste on one form)

MAKE COPIES OF THIS FORM AS NEEDED.

ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 9

FACILITY ID #	F A 0 0 0 7 9 0 4 [redacted] 1	CHEMICAL LOCATION INFORMATION

BUSINESS NAME	FACILITY MAP #	GRID COORDINATE(s)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	1	C-3/C-4
BUSINESS SITE ADDRESS: 2350 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME	TRADE SECRET ☒ NO Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME: DIESEL FUEL NO. 2	EHS* ☐ YES ☒ NO
CAS#	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)*: ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE? Yes ☐ No ☒ CURIES

PHYSICAL STATE *(Check one item only)*: ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST

SIZE OF LARGEST CONTAINER: 10000

FED HAZARD CATEGORIES: ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
0	0		

UNITS* *(Check one item only)*: ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER:

DAYS ON SITE: 365

STORAGE CONTAINER *(Check all that apply)*:

☐ a. ABOVEGROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☒ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.	0-100	DISTILLATES, HYDRODESULFURIZED, MIDDLE	☐ YES ☒ NO	64742809
2.	0-100	DISTILLATES, STRAIGHT RUN MIDDLE (GAS OIL , LIGHT)	☐ YES ☒ NO	64741442
3.	0-25	KEROSINE	☐ YES ☒ NO	8008206
4.	0-25	KEROSINE, HYDRODESULFURIZED	☐ YES ☒ NO	64742810
5.	0-50	DISTILLATES (PETROLEUM), LIGHT CATALYTIC CRACKED	☐ YES ☒ NO	64741599

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

CERTIFICATE OF COMPLIANCE

Return Certification within 30 Days of Receipt to Inspector MARK BECHEL

RESPONDENT: TOM LAVERA

VIOLATION(S) CITED ON: 10/26/2017 CERTIFICATE OF COMPLIANCE DATE: 10/26/2017

NAME: **VULCAN MATERIALS WESTERN DIVISION**	FACILITY ID: **FA0007904**
ADDRESS: **2350 W HIGHLAND AVE**	CERS ID:**10047694**
CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407**	

Attach the following documentation when returning the Certificate of Compliance:

A144 Submit a signed statement indicating that tests and inspections of containers are being properly conducted on a regular schedule or after repair.The last visual monthly inspection was documented in July of 2017.

I certify under penalty of law that:

- Respondent has corrected violations specified in the above-entitled action.
- I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- I am authorized to file this certification on behalf of the Respondent.
- I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

SIGNATURE

11-10-17
DATE

John Janke
PRINT NAME

Env Specialist
TITLE

REC'D 11/14/17 MB

Vulcan
Materials Company

November 10, 2017

Inspector Mark Bechel

San Bernardino County Fire Department

Hazardous Materials Division

620 South "E" Street

San Bernardino, CA 92415-0153

Good Afternoon Mr. Bechel,

In regards to your inspection of Vulcan's San Bernardino batch asphalt plant, please be advised we have taken the appropriate measures to ensure the aboveground storage tanks will be inspected using the Steel Tank Institute's (STI) recommended form on a monthly basis and whenever material repairs are made. I personally visited the site and provided training to site employees on not only how to complete the inspection but also the importance of timely completion.

Thanks and please do not hesitate to contact me with any questions.

John R. Janke, P.E.

Senior Environmental Specialist

Vulcan Materials Company

WEST REGION
7220 TRADE STREET, SUITE 200 • SAN DIEGO, CALIFORNIA 92121 • TELEPHONE 858 530-9444 • FAX 858 530-9493

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

CUPA COMPLIANCE INSPECTION REPORT

NAME: **VULCAN MATERIALS WESTERN DIVISION** FACILITY ID: **FA0007904**

ADDRESS: **2350 W HIGHLAND AVE** CERS ID:**10047694**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** INSPECTION DATE: **10/26/2017**

Inspector was given permission to: [X] photograph [X] inspect

Inspection Narrative (v020000)

An inspection was conducted on 10/26/2017 to determine compliance with hazardous materials handler, hazardous waste generator and Aboveground Petroleum Storage Act (APSA) laws and regulations. The facility escort was Tom Lavera, Plant Manager.

This facility is an asphalt batch plant. Hazardous materials are handled as raw materials for production. Hazardous waste is no longer generated at this site.

Hazardous Materials/ Hazardous Wastes Inventory:

- Inventory observed at the time of the inspection was consistent with reported inventory reported in the California Environmental Reporting System (CERS) on 04/17/2017.

Document Review and Notes:

- Permits were current. Expiration date: 8/31/2018. The hazardous waste generator permit will be updated to reflect current non-generator status. The APSA permit will be updated to reflect storage of (1) 10,000 gallon cutback oil tank.
- A Hazardous Materials Business Plan was submitted to the California Environmental Reporting System (CERS) on 04/17/2017. CERS ID # 10047694.
- Training relating to hazardous materials handling has been provided annually.
- EPA ID Number CAR000072991 was active. The parts washer, which was the only source of hazardous waste generation, has been placed out of service. A DTSC form 1358 was provided so that the facility operator could inactivate the EPA-ID number.
- A Spill Prevention, Control and Countermeasure (SPCC) plan was available for review. The plan, dated 12/17/2015, was certified by a Professional Engineer.

For questions regarding this report please contact Mark Bechel at (909) 386-8401 or mbechel@sbcfire.org.

CERS Helpline 909-386-8432

Submit a signed Certificate of Compliance, accompanied by all required documentation, within 30 days of receipt of this report.

The following lines marked in the V column are violations that must be corrected. Marked items in the N column require additional information to determine compliance.

VIOLATION CODE	DESCRIPTION	SECTION	V	N
40	**ABOVE GROUND PETROLEUM STORAGE TANK(SPCC)**			
A101	APSA Fee	CAL. HEALTH & SAFETY CODE 25270.6(b)		
A102	Annual Tank Facility Statement or Business Plan	CAL. HEALTH & SAFETY CODE 25270.6(a)(1), 2527		
A103	Release Reporting	CAL. HEALTH & SAFETY CODE 25270.8		
A110	SPCC Plan prepared	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A111	SPCC Plan Implemented	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A112	Tier I - SPCC Plan complete	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A113	Tier I - SPCC Plan certified	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A114	Tier I - Technical amendments properly certified	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A115	Tier I - Overfill prevention	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A116	Tier I- Secondary Containment for bulk storage container	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A120	SPCC Plan available onsite	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A121	SPCC Plan 5 year review	CAL. HEALTH & SAFETY CODE 25270.4.5 (a)		
A122	SPCC plan amended as necessary	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A123	SPCC Plan amendments implemented	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A124	SPCC Plan meets basic requirements	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A125	SPCC Plan Conformance Requirements	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A126	Person who reports to management designated for discharge prevention	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A130	Facility Description	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A131	Discharge prevention measures	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A132	Countermeasures for discharge discovery, response, and cleanup	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A133	Discharge reporting procedures	CAL. HEALTH & SAFETY CODE 25270.4.5(a);		
A134	Discharge response procedures	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A135	Containment/diversionary structures/equipment description	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A136	Oil type and storage capacity of storage containers	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A137	Bulk Storage Containers	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		

A138	Tanks compatible with stored materials	CAL. HEALTH ETY CODE 25270.4.5(a)		
A139	Permanently closed tanks closed appropriately	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A140	Appropriate containment	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A141	Containment for qualified oil-filled operational equipment	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A142	Leaks immediately addressed and oil promptly removed	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A143	Integrity testing and inspection procedures	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A144	Tanks properly integrity tested	CAL. HEALTH & SAFETY CODE 25270.4.5(a)	X	
Violation:	"Failure to test or inspect each aboveground container for integrity based on industry standards discussed in the SPCC Plan: 1. On a regular schedule. 2. After making material repairs. 3. Use non-destructive testing. 4. Inspect each container#s supports, foundations, and outside for signs of deterioration, discharges, or accumulation of oil inside diked areas. 40 CFR 1 112.8(c)(6) "			
Correction:	Submit a signed statement indicating that tests and inspections of containers are being properly conducted on a regular schedule or after repair.			
Observation:	The last visual monthly inspection was documented in July of 2017.			
	Comply by date: **11/25/2017**			
A145	Tanks inspected and/or tested by qualified person	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A146	Employee training requirements	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A147	Spill prevention briefings	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A150	Facility security documentation	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A151	Facility security measures	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A152	Facility drainage adequately discussed	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A153	Drainage from diked storage areas	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A154	Appropriate valves for drainage of diked areas	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A155	Drainage inspections and valves	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A156	Drainage records	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A157	Corrosion Protection	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A158	Aboveground piping inspections	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A159	Buried piping tested	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A160	Qualified facility # No longer meeting qualifying criteria	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A161	Conditions of a Qualified Facility	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A201	Tier II - SPCC Plan complete	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A202	Tier II - Professional engineer certification of alternative measures	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A203	Tier II - Professional engineer attestations complete	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A204	Tier II- Technical amendments properly certified	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A210	SPCC contains an adequate facility diagram	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A211	Disposal methods	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A212	Discharge Prediction	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A213	Equivalent environmental protection	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A214	Impracticability claims of appropriate containment clearly explained and certified	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A215	Secondary Containment Impracticability- Testing	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A216	Oil spill contingency plan prepared when claiming impracticability	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A217	Written commitment of manpower, equipment, materials when claiming impracticability	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A220	SPCC adequately discusses facility tank car and tank truck loading/unloading rack	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A221	Secondary containment at loading/unloading racks	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A222	Warning to prevent vehicular departure at loading/unloading rack	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A223	Inspection of drains and outlets at loading/unloading racks	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A224	Lift pumps for treatment of drainage water	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A225	Sized secondary containment	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A226	Secondary Containment Systems-Portable tanks	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A227	Mobile or portable tank positioning	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A228	Drainage from undiked areas	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A229	Diked areas sufficiently impervious to oil	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A230	Steam return/exhaust properly monitored	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A231	Risk Analysis- Field constructed tanks	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A232	Liquid level sensing devices	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A233	Liquid level sensing devices tested	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		
A234	Effluent treatment facilities	CAL. HEALTH & SAFETY CODE 25270.4.5(a)		

A235	Buried piping inspected and/or repaired	leterioration found	CAL. HEALTH ETY CODE 25270.4.5(a)	
A236	Buried piping protected		CAL. HEALTH & SAFETY CODE 25270.4.5(a)	
A237	Standby piping		CAL. HEALTH & SAFETY CODE 25270.4.5(a)	
A238	Pipe supports		CAL. HEALTH & SAFETY CODE 25270.4.5(a)	
A239	Vehicles warned about aboveground piping		CAL. HEALTH & SAFETY CODE 25270.4.5(a)	
A301	Professional engineer certification		CAL. HEALTH & SAFETY CODE 25270.4.5(a)	
A302	Professional engineer attestations		CAL. HEALTH & SAFETY CODE 25270.4.5(a)	
A303	Professional engineer certification of technical amendments		CAL. HEALTH & SAFETY CODE 25270.4.5(a)	
A304	Substantial Harm Criteria		CAL. HEALTH & SAFETY CODE 25270.4.5(a)	
A401	Conditionally exempt facility conditions met		CAL. HEALTH & SAFETY CODE 25270.4.5(b)	

VIOLATION CODE	DESCRIPTION	SECTION	V	N
42	**HMRRP (HAZARDOUS MATERIALS HANDLER)**			
H201	Hazardous Material Handler Permit Current	23.0602(a)		
H202	Hazardous Materials Business Plan Established and Implemented	CAL. HEALTH & SAFETY CODE 25507		
H203	Hazardous Materials Business Plan Submittal	CAL. HEALTH & SAFETY CODE 25505, 25508(a)(1)		
H204	Immediately report any release or threatened release of a hazardous material	CAL. HEALTH & SAFETY CODE 25510(a)		
H205	Facility access for inspection granted	CAL. HEALTH & SAFETY CODE 25511		
H206	Business Plan Annual Review/Certification	CAL. HEALTH & SAFETY CODE 25508(a)(1), 25508.		
H209	Business plan update within 30 days of change	CAL. HEALTH & SAFETY CODE 25508.1(a)-(f)		
H210	Business Activities Page and/or Business Owner/Operator Identification Page	CAL. HEALTH & SAFETY CODE 25508(a)(1)		
H211	Hazardous materials inventory	CAL. HEALTH & SAFETY CODE 25505, 25506, 2550		
H212	Site map	CAL. HEALTH & SAFETY CODE 25505(a)(2), 25508(		
H213	Emergency response plan	CAL. HEALTH & SAFETY CODE 25505(a)(3), 25508(		
H214	Training Program not included and/or is not adequate	CAL. HEALTH & SAFETY CODE 25505(a)(4), 25508(		
H215	Training Documentation	CAL. HEALTH & SAFETY CODE 25505(a)(4)		
H216	Business plan readily available	CAL. HEALTH & SAFETY CODE 25505.		
H220	Property owner notification	CAL. HEALTH & SAFETY CODE 25505.1		
H221	Property owner business plan	CAL. HEALTH & SAFETY CODE 25505.1		
H222	Agricultural handler emergency response plan	CAL. HEALTH & SAFETY CODE 25508(a)(1), 25507.		
H223	Agricultural handler training program	CAL. HEALTH & SAFETY CODE 25508(a)(1), 25507.		
H224	Remote unstaffed facility	CAL. HEALTH & SAFETY CODE 25505,25506,25507		

VIOLATION CODE	DESCRIPTION	SECTION	V	N
44	**HAZARDOUS WASTE GENERATOR**			
0101	CUPA Hazardous Waste generator permit current	S.B. COUNTY CODE 23.0602(b)(1)		
0102	Facility access for inspection	CAL. HEALTH & SAFETY CODE 25185		
0103	Hazardous Waste determination	CAL. CODE OF REGULATIONS 66262.11		
0104	EPA ID Number	CAL. CODE OF REGULATIONS 66262.12(a)		
0105	Hazardous Waste treatment/storage authorization	CAL. HEALTH & SAFETY CODE 25201(a)		
0106	Facility Operated/Maintained to Prevent Release/Fire	CAL. CODE OF REGULATIONS 66265.31		
0107	Contingency Plan established	CAL. CODE OF REGULATIONS 66265.51(a)		
0108	Recyclable Materials managed lawfully	CAL. HEALTH & SAFETY CODE 25143.2		
0110	Hazardous Waste container(s) labeled	CAL. CODE OF REGULATIONS 66262.34(f)(3)		
0111	Hazardous Waste label(s) complete	CAL. CODE OF REGULATIONS 66262.34(f)(3)		
0112	Accumulation start date	CAL. CODE OF REGULATIONS 66262.34(f)(2)		
0113	Hazardous waste accumulation time exceeded	CAL. CODE OF REGULATIONS 66262.34(a)		
0114	Hazardous Waste stored in sound containers	CAL. CODE OF REGULATIONS 66265.171		
0115	Hazardous Waste containers leaking	CAL. CODE OF REGULATIONS 66265.173(b)		
0116	Hazardous Waste containers closed	CAL. CODE OF REGULATIONS 66265.173(a)		
0117	Contaminated containers managed lawfully	CAL. CODE OF REGULATIONS 66261.7		
0118	Weekly inspection of Hazardous Waste container storage area	CAL. CODE OF REGULATIONS 66265.174		
0119	Hazardous Waste managed lawfully	CAL. HEALTH & SAFETY CODE 25154		
0120	Daily inspection of Hazardous Waste tank storage area	CAL. CODE OF REGULATIONS 66265.195		
0125	Hazardous Waste transported with a manifest	CAL. CODE OF REGULATIONS 66262.20		
0126	Hazardous Waste Manifest complete	CAL. CODE OF REGULATIONS 66262.23		
0127	Hazardous Waste manifest sent to DTSC	CAL. CODE OF REGULATIONS 66262.23(a)(4)		
0128	Hazardous Waste uniform manifest retention	CAL. CODE OF REGULATIONS 66262.40(a)		
0129	Biennial Report	CAL. CODE OF REGULATIONS 66262.41		
0130	Hazardous Waste analyses retention	CAL. CODE OF REGULATIONS 66262.40(c)		
0131	Hazardous Waste management training	CAL. CODE OF REGULATIONS 66265.16		
0132	Source Reduction Evaluation Review and Plan (SB 14)	CAL. HEALTH & SAFETY CODE 25244.19(a)		
0135	Used Oil manage lawfully	CAL. HEALTH & SAFETY CODE 25250.4		

0136	Contamination of used oil	CAL. HEALTH & SAFETY CODE 25250.7		
0137	Consolidated manifest retention	CAL. HEALTH & SAFETY CODE 25250.8(b)(3)		
0138	Used Oil filters managed lawfully	CAL. CODE OF REGULATIONS 66266.130		
0139	Spent lead-acid batteries managed lawfully	CAL. CODE OF REGULATIONS 66266.81		
0145	Illegal disposal or abandonment of Hazardous Waste	CAL. HEALTH & SAFETY CODE 25189.5(a)		
0146	Unlawful disposal of used oil	CAL. HEALTH & SAFETY CODE 25250.5(a)		
0147	Transportation of Hazardous Waste without registration	CAL. HEALTH & SAFETY CODE 25163(a)		
0148	Hazardous Waste not hauled by registered transporter	CAL. CODE OF REGULATIONS 66262.10		
0149	Transportation of hazardous waste to an unauthorized facility	CAL. HEALTH & SAFETY CODE 25189.5(c)		
0152	Excluded Recyclable Materials Report	CAL. HEALTH & SAFETY CODE 25143.10		
1240	Unlawful consolidation of hazardous waste generated at remote sites	CAL. HEALTH & SAFETY CODE 25110.10		
1241	Failure to maintain remote consolidation documents for a minimum of 3 years	CAL. HEALTH & SAFETY CODE 25110.10(b)(7)		
1244	Ignitable or reactive wastes stored within 50' of a property line	CAL. CODE OF REGULATIONS 66264.176		
1245	Failure to store hazardous waste in compatible containers	CAL. CODE OF REGULATIONS 66265.172		
1247	Failure to test and maintain safety, fire/release control and response equipment	CAL. CODE OF REGULATIONS 66265.33		
1248	Failure to provide immediate access to alarm and emergency communications	CAL. CODE OF REGULATIONS 66265.34(a)		
1249	Failure to maintain adequate aisle space	CAL. CODE OF REGULATIONS 66265.35		
1262	Failure to provide secondary containment for aboveground hazardous waste tanks	CAL. CODE OF REGULATIONS 66265.193(a)		
1267	Unlawful management of hazardous waste containers	CAL. CODE OF REGULATIONS 66265.173(b)		
1268	Unlawful placing of wastes in the same container with incompatible waste or materials	CAL. CODE OF REGULATIONS 66265.177(a)		
1269	Unlawful placing waste in containers previously holding incompatible waste or materials	CAL. CODE OF REGULATIONS 66265.177(b)		
1270	Failure to separate incompatible materials	CAL. CODE OF REGULATIONS 66265.177(c)		
1271	Failure to equip facility with internal communication or alarm system	CAL. CODE OF REGULATIONS 66265.32(a)		
1272	Failure to equip facility with a device capable of summoning outside help	CAL. CODE OF REGULATIONS 66265.32(b)		
1273	Failure to equip facility with safety, fire/release control and response equipment	CAL. CODE OF REGULATIONS 66265.32(c)		
1274	Failure to provide facility with water at adequate volume and pressure	CAL. CODE OF REGULATIONS 66265.32(d)		
1278	Failure to submit an Exception Report to DTSC	CAL. CODE OF REGULATIONS 66262.42		
1279	Failure to maintain a copy of the Contingency Plan Onsite	CAL. CODE OF REGULATIONS 66265.53(a)		
1280	Failure to provide an Emergency Coordinator	CAL. CODE OF REGULATIONS 66265.55		
1281	Failure to remove spilled waste or precipitation from secondary tank containment within 24 hours	CAL. CODE OF REGULATIONS 66265.193(c)(4)		
1285	Knowing disposal and/or abandonment of hazardous waste at an unauthorized point	CAL. HEALTH & SAFETY CODE 25189.5(b)		
1291	Providing unlawful false statements or representations on hazardous waste documents	CAL. HEALTH & SAFETY CODE 25189.2		
1292	Failure to provide a written response to a Notice of Violation	CAL. HEALTH & SAFETY CODE 25185(c)(3)		
1293	Failure to report a release or threatened release of a hazardous material	CAL. HEALTH & SAFETY CODE 25507(a)		
1295	Failure to submit Contingency Plan to the CUPA	CAL. CODE OF REGULATIONS 66265.53(b)		
1296	Failure to implement the Contingency Plan	CAL. CODE OF REGULATIONS 66265.51(b)		
1297	Failure to review and amend the Contingency Plan	CAL. CODE OF REGULATIONS 66265.54		
1298	Failure to maintain used oil filter removal receipts on-site for 3 years	CAL. CODE OF REGULATIONS 66266.130(c)(5)		
1299	Unlawful placing of hazardous wastes or treatment reagents into tank that could cause failure	CAL. CODE OF REGULATIONS 66265.194(a)		
1300	Unlawful management of reusable soiled textile materials (contaminated rags and uniforms)	CAL. HEALTH & SAFETY CODE 25144.6		
1303	Failure to retain a copy of the Source Reduction Evaluation Review and Plan onsite	CAL. CODE OF REGULATIONS 67100.3(a)		
1304	Failure to make a copy of the Source Reduction Evaluation Review and Plan available to the public	CAL. CODE OF REGULATIONS 67100.3(b)		
1305	Unlawful, willful interference with a CUPA representative	CAL. HEALTH & SAFETY CODE 25195		
1307	Knowing treatment or storage of hazardous waste without a permit	CAL. HEALTH & SAFETY CODE 25189.5(d)		
1308	Enhancement-Unlawful violation of CHSC 25189.5(b), (c) or (d) causing great bodily injury or death	CAL. HEALTH & SAFETY CODE 25189.5(e)		
1309	Knowing transportation of hazardous waste without possession of a manifest	CAL. HEALTH & SAFETY CODE 25160(d)		
1310	Knowing or with reckless disregard treatment of hazardous waste causing unreasonable risk	CAL. HEALTH & SAFETY CODE 25189.6(a)		
1311	Knowing or with reckless disregard handling of hazardous waste causing unreasonable risk	CAL. HEALTH & SAFETY CODE 25189.6(a)		
1312	Knowing or with reckless disregard transportation of hazardous waste causing unreasonable risk	CAL. HEALTH & SAFETY CODE 25189.6(a)		
1313	Knowing or with reckless disregard disposal of hazardous waste causing unreasonable risk	CAL. HEALTH & SAFETY CODE 25189.6(a)		
1314	Knowing or with reckless disregard storage of hazardous waste causing unreasonable risk	CAL. HEALTH & SAFETY CODE 25189.6(a)		
1315	Enhancement - Knowing placement of another in imminent danger while violating CHSC 25189.6(a)	CAL. HEALTH & SAFETY CODE 25189.6(b)		
1316	Knowing burning of hazardous waste at an unauthorized point	CAL. HEALTH & SAFETY CODE 25189.7(a)		

1317	Enhancement - Knowing placement of a in imminent danger while violating CHSC 25189.7(a)	CAL. HEALTH ETY CODE 25189.7(b)		
1318	Knowing making of false statements or representations in any hazardous waste document	CAL. HEALTH & SAFETY CODE 25191(b)(1)		
1319	Knowing possession of altered or concealed hazardous waste document	CAL. HEALTH & SAFETY CODE 25191(b)(2)		
1320	Knowing destruction, alteration, or concealment of a hazardous waste document	CAL. HEALTH & SAFETY CODE 25191(b)(3)		
1321	Knowing withholding of information regarding real and substantial danger after request by an agency	CAL. HEALTH & SAFETY CODE 25191(b)(4)		
1322	Unlawful use of used oil or recycled oil as a dust suppresant, weed or insect control	CAL. HEALTH & SAFETY CODE 25250.5(b)		
1323	Failure to use controls and practices to prevent spills from hazardous waste tanks	CAL. CODE OF REGULATIONS 66265.194(b)		
1324	Failure to maintain sufficient hazardous waste tank freeboard	CAL. CODE OF REGULATIONS 66265.194(b)(3)		
1325	Failure to remove a leaking or unfit hazardous waste tank from use	CAL. CODE OF REGULATIONS 66265.196		
1326	Failure to remove or decontaminate waste residues when closing a tank system	CAL. CODE OF REGULATIONS 66265.197(a)		
1327	Failure to provide adequate security of hazardous waste storage area(s)	CAL. CODE OF REGULATIONS 66265.14(a)		
1328	Failure to post warning signs around hazardous waste storage area(s)	CAL. CODE OF REGULATIONS 66265.14(c)		
1329	Failure to maintain hazardous waste management training records	CAL. CODE OF REGULATIONS 66265.16(e)		
1401	Large Quantity Generator: New hazardous waste tank system P.E. certification	CAL. CODE OF REGULATIONS 66265.192(a) & (h)		
1402	Large Quantity Generator: New Tank Assessment Standards	CAL. CODE OF REGULATIONS 66265.192(k)		
1403	Large Quantity Generator: Secondary Containment	CAL. CODE OF REGULATIONS 66265.193		
W501	Certified Appliance Recycler: Certification	CAL. HEALTH & SAFETY CODE 25211.4		
W502	Certified Appliance Recycler: Certification	CAL. HEALTH & SAFETY CODE 25211.2, 25211.3		
W503	Certified Appliance Recycler: Materials that Require Special Handling (MRSH) properly managed	CAL. HEALTH & SAFETY CODE 25211.3, 25212, 252		
W504	Certified Appliance Recycler: Proper Removal of Materials that Require Special Handling (MRSH)	CAL. HEALTH & SAFETY CODE 25211.3, 25212(a)		

INSPECTED BY: MARK BECHEL

NAME ICC#8080427-UI

RECEIVED BY: Tom Lavera

NAME

INSPECTION DATE: 10/26/2017

Signature Date Time: 10/26/17 10:43:36AM

LTR:10/26/2017 10:35:19AM

Plant Manager

TITLE

PRINTED ON: 10/26/17 10:44 am

[X] **NOTICE OF VIOLATION: THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN THE SPECIFIED TIMEFRAME. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION.**

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CERTIFICATE OF COMPLIANCE

Return Certification within 30 Days of Receipt to Inspector MARK BECHEL

RESPONDENT: TOM LAVERA

VIOLATION(S) CITED ON: 10/26/2017 CERTIFICATE OF COMPLIANCE DATE: 10/26/2017

NAME: **VULCAN MATERIALS WESTERN DIVISION** FACILITY ID: **FA0007904**

ADDRESS: **2350 W HIGHLAND AVE** CERS ID:**10047694**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407**

Attach the following documentation when returning the Certificate of Compliance:

A144 Submit a signed statement indicating that tests and inspections of containers are being properly conducted on a regular schedule or after repair.The last visual monthly inspection was documented in July of 2017.

I certify under penalty of law that:

- o Respondent has corrected violations specified in the above-entitled action.
- o I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- o Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- o I am authorized to file this certification on behalf of the Respondent.
- o I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

SIGNATURE DATE

PRINT NAME TITLE

PHOTO NARRATIVE

PHOTO 1



PHOTO 2



Facility/Case Name:	Vulcan Materials Western Division	Facility ID#: FA0007904
Address: 2350 W Highland Ave., San Bernardino, CA 92407		
Description #1: Front of the facility.		
Description #2: Asphalt batch plant. The silver tank at right is the (1) 10,000 gallon cutback oil tank subject to the Aboveground Petroleum Storage Act.		
Date Taken: 10/26/2017	Taken By: Mark Bechel	

Signature: Mark Bechel

PHOTO NARRATIVE

PHOTO 3



PHOTO 4

Facility/Case Name:	Vulcan Materials Western Division	Facility ID#: FA0007904
Address: 2350 W Highland Ave., San Bernardino		
Description #3: (1) 30 gallon parts washer has been placed out of service.		
Description #4: No Photo		
Date Taken: 10/26/2017	Taken By: Mark Bechel	

Signature: Mark Bechel

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HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: FA0007904 Facility Name: Vulcan Materials Inspection Date: 8/14/14

Site Address: 2350 W. Highland Ave Phone #: 909 875 5180

City: San Bernardino Zip Code: 92407 EPA ID #: CAR000072991

Consent Granted by: ☒ Inspect ☐ Photograph Name: Andy Meeder Title: Foreman # Emp: 4 Packet left on site? Yes/No

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 and 6.95 of the California Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC)

THE FOLLOWING SECTIONS ARE IN VIOLATION IF THEY ARE CHECKED

General Requirements:

☐ 101. / 201. Hazardous Waste and/or Materials Permits not current. (CC 23.0602(a)) Good through 8/31/14
Compliance requirement: Submit fees within 30 days of billing.

☐ 104. EPA ID Number not obtained for waste generation. (CCR 66262.12(a)) active
Compliance Requirement: Obtain permanent EPA ID Number by submitting Form 1358 to DTSC. Submit your EPA ID Number to this Division.

☐ 106. Facility not operated to prevent a spill or release. (CCR 66265.31) No spills
Compliance Requirement: Facility must conduct housekeeping & operate to prevent all spills. Signature on certification below denotes compliance.

☐ 107. A Contingency Plan has not been established. (CCR 66265.51(a))

☐ 202. A Business Plan has not been established. (CHSC 25503.5)

INVENTORY: Submittal of inventory 2/27/2013 shall be updated to include TPH Dust suppressant + Quik-slik (both in 330gal. Totes)

☒ 203. A Business Plan has not been submitted / updated. (CHSC 25505 25508)
Compliance Requirement: Submit the original and one copy of the Business Emergency/Contingency Plan to this Division. NOTE: You must keep a current copy of your Business Emergency/Contingency Plan onsite and available at all times.

☐ 131. Training documentation not complete or available. (CCR 66262.34(d)(2)) annual Training Provided
Compliance Requirement: Submit training documentation as required.

Container Storage and Labeling Requirements:

☐ 110. Hazardous waste containers are not labeled/marked. (CCR 66262.34(f)(3)) No waste observed - parts washer in use

☐ 111. Hazardous waste label is incomplete. (CCR 66262.34(f)(3)) N/A

☐ 112. Accumulation start date is missing from tank/container. (CCR 66262.34(f)(2)) N/A
Compliance Requirement: Hazardous waste label is to be applied to the tank/container. All fields and lines are to be correctly completed.

☐ 113. Accumulation time exceeded. (CCR 66262.34) N/A
Compliance Requirement: Dispose of waste using a licensed waste hauler within 30 days. Submit copies of disposal documents to this Division.

☐ 114. Hazardous waste container not sound. (CCR 66265.171) N/A

☐ 115. Hazardous waste container leaking. (CCR 66265.173(b)) N/A

☐ 116. Hazardous waste container open when not in use. (CCR 66265.173(a)) N/A
Compliance Requirement: Waste containers must be sound, not leaking and closed when not in use.

Waste Management: Safety Kleen manages parts washer waste - Unifirst provides uniform service

☐ 119. Hazardous waste managed unlawfully. (CHSC 25134) OK
Compliance Requirement: Hazardous waste containers and aboveground tanks must be labeled, closed, and inspected (weekly or daily, as appropriate). Waste is to be removed by a licensed waste hauler within the allowed time periods.

☐ 128. Failure to retain **manifested** waste disposal records for 3 years. (CCR 66262.40(a)) Observed - onsite

☐ 137. Failure to retain **consolidated** waste disposal records for 3 years. (CHSC 25160.2(b)(3)) N/A
Compliance Requirement: Submit copies of waste disposal records for the past N/A

☐ 138. Unlawful management of used oil filters. (CCR 66266.130) No filters
Compliance Requirement: Label all used oil filter containers with "DRAINED USED OIL FILTERS" and the accumulation start date.

Business Description: Asphalt Mixing plant - generate ~~550~~ 40 gal. waste parts washer / month

Inspected By: Sign Name — Grey Zeigler, Print Name

Received By: x Andy Meeder, Sign Name — x Andy Meeder, Print Name

Title: x Foreman

Report Date: 8/14/14

Sign and submit the yellow copy of this form within 30 days with the required documents listed in each "Compliance Requirement" section.

I certify that I have met the compliance requirements of this Notice of Violation: Name _____ Date _____

Vulcan
Materials Company
WEST REGION

RECEIVED
NOV 05 2012
S.B. CO. FIRE DEPT.

Nov. 1, 2012 Certified Mail Return Receipt Requested

San Bernardino County Fire Department
Hazardous Materials Division
620 South E Street
San Bernardino, CA 92415-0153

Dear Sir or Madam:

Please be advised that as of May 7, 2012, our office was physically relocated to 500 North Brand Blvd., Suite 500, Glendale, CA 91203. Please send correspondence invoices, and permits for the following facilities to the above address.

FA 007904	2350 W. Highland Ave. San Bernardino
FA 001676	2400 W. Highland Ave. San Bernardino
FA 0010129	19401 N. Cajon Blvd. San Bernardino
FA 007169	20161 National Trails Highway, Oro Grande
FA 0003937	4711 Huntington Dr., Montclair

Please contact me at (818) 553-8938 or email at stjohnc@vmcmail.com if you have any questions.

Respectfully,

Charles St. John
Los Angeles Region Environmental Mgr.

500 North Brand Boulevard, Suite 500
Glendale, CA 91203
818-553-8800

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INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 7 9 0 4 (This number is on your CUPA permit.)

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103	CITY 104
2350 W. HIGHLAND AVENUE	SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1	PG – GRADE PAVING ASPHALT	165	103	TONS
2	SC – GRADE PAVING ASPHALT	51	51	TONS
3	PROPANE	250	250	GAL
4	SS-1H EMULSION	8000	8500	GAL
5	OXYGEN	2160	240	CF
6	ACETYLENE	720	120	CF
7	DIESEL FUEL NO. 2	0	10000	GAL
8	ASPHALT ANTI-STRIP	825	275	GAL
9	AQUEOUS PARTS WASHER SOLUTION WASTE	15	15	GAL
10				
11				
12				

Summarize the business plan inventory on this page. Place this summary in front of inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, 200 cubic feet, or the threshold planning quantity of an extremely hazardous substance. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities MUST sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER (print) 136	DATE 134
John C. Spear III	JOHN SPEAR	08/05/11

BD of 3/1/12
Replaces this plan

MB

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BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

FACILITY ID # F A 0 0 0 7 9 0 4

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2350 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

For Dept Use Only – Log In/Date Stamp
RECEIVED
MAR 01 2012
S.B. CO. FIRE DEPT.

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

Submission Checklist ☒ *Items with an '*' are considered "Inventory" under State disclosure laws*

- ☒ * Business Activities Form
- ☒ * Business Owner/Operator Identification Form
- ☒ * Supplemental Emergency Contact Page
- ☒ Emergency Response Plans and Procedures
- ☒ * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
- ☒ * One Hazardous Materials Inventory Form for each hazardous material (including wastes) which meet reporting criteria
- ☐ * Material Safety Data Sheets attached to the inventory form of each material not listed in Appendix I.
- ☒ * Facility map (using grid form provided) consisting of all required features including the location of each inventoried item.
- ☒ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- ☒ Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- ☒ ***Retain one copy of the business emergency/contingency plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

☐ Please incorporate the following into my business emergency/contingency plan.
- ☐ New Business Owner/Operator Identification Form
- ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
- ☐ New Supplemental Emergency Contact Page.

☐ Other: _____

Brief explanation of changes: _____

☒ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:
- The information contained in the inventory most recently submitted to the CUPA is complete, accurate and up to date.
- There has been no change in the quantity, storage, or handling of hazardous materials (including waste) reported in the most recently submitted inventory.
- No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
- This certification is <u>not</u> being made to meet annual inventory submission requirements of EPCRA. (**EPCRA requires complete annual submission**)

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER
John C Spear III	02/21/12	John R. Janke 135
NAME OF SIGNER (print)	TITLE OF SIGNER (print)	
JOHN SPEAR	HMA DIST. OP. MGR.	

ENTERED
MAR 2 2 2012
BY:

FD SENT
MAR 02 2012

San Bernadino HMA.

RECEIVED
MAR 01 2012

CUPA

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BUSINESS ACTIVITIES

S.B. CO. FIRE DEPT.

I. FACILITY IDENTIFICATION

FACILITY ID #	F	A	0	0	0	7	9	0	4	[redacted]

BUSINESS NAME (Same as FACILITY NAME or DBA)	EPA ID # (Hazardous Waste Only)
CALMAT CO. DBA VULCAN MATERIALS COMPANY	CAR000072991

BUSINESS ADDRESS	CITY	ZIP CODE
2350 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. ACTIVITIES DECLARATION

Does your facility...	If YES, the following additional information is required... (Items with an '*' must be submitted to this department)	
A. HAZARDOUS MATERIALS		
1. Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases; or the applicable Federal threshold quantity for an extremely hazardous substance; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70; or handle ANY amount of Class 1 or 2 explosives; or ANY amount Category I or II pesticides.	☒ YES ☐ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Have extremely hazardous substances above threshold planning quantities or hazardous substances in quantities greater than 10,000 lbs (except retail gas stations up to 75,000 gallons of gasoline or 100,000 gallons of diesel fuel in upgraded USTs) or otherwise subject to EPCRA 311-312 reporting requirements.	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Must file annually according to EPCRA instructions to meet EPCRA SARA Title III Tier 2 reporting requirements – see instructions, pg i.)
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731) * CalARP REGISTRATION FORM (See Section V of BP guidelines and forms)
C. UNDERGROUND STORAGE TANKS (USTs) . Own or operate underground storage tanks?	☒ YES ☐ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
3. Need to report closing a UST?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank) * HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Store greater than 1320 gallons of petroleum products (new or used) in aboveground tanks or containers?	☒ YES ☐ NO	IF YES, PREPARE AND MAINTAIN A SPILL PREVENTION CONTROL & COUNTERMEASURES PLAN (SPCC) TO ADDRESS RELEASES FROM ABOVEGROUND STORAGE OF PETROLEUM AT YOUR FACILITY.
E. HAZARDOUS WASTE 1. Generate ANY amount of hazardous waste?	☒ YES ☐ NO	EPA ID NUMBER—provide at the top of this page * BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES ☒ NO	* RECYCLABLE MATERIALS REPORT (Pages 1 and 2)
3. Treat hazardous waste on site?	☐ YES ☒ NO	* ONSITE HAZARDOUS WASTE TRT - FACILITY * ONSITE HAZARDOUS WASTE TRT - UNIT (one per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO	* CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidated hazardous waste generated at a remote site?	☐ YES ☒ NO	* REMOTE WASTE/CONSOLIDATED SITE ANNUAL NOTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☒ NO	IF YES, OBTAIN FEDERAL EPA ID NUMBER, FILE BIENNIAL REPORT (EPA FORM 8700-13A/B) WITH USEPA, AND SATISFY REQUIREMENTS FOR RCRA LARGE QUANTITY GENERATOR.

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HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: 7904 Facility Name: Vulcan Materials Inspection Date: 7/13/2011

Site Address: 2350 W Highland Phone #: 909 875-1150

City: San Bernardino Zip Code: 92407 EPA ID #: CAR000072991

Consent Granted by:

☒ Inspect ☒ Photograph Name: ANDY MEEDER Title: Plant Foreman # Emp: 4 Packet left on site? Yes/No

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 and 6.95 of the California Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC)

THE FOLLOWING SECTIONS ARE IN VIOLATION IF THEY ARE CHECKED

General Requirements:

☒ 101. / 201. Hazardous Waste and/or Materials Permits not current. (CC 23.0602(a)) Handler 0-10 Permit Expires 8/31/11 SPECIAL Generator permit not obtained DTSC Form 1358

Compliance requirement: Submit fees within 30 days of billing.

☒ 104. EPA ID Number not obtained for waste generation. (CCR 66262.12(a)) CAR000072991 IS INACTIVE Provided

Compliance Requirement: Obtain permanent EPA ID Number by submitting Form 1358 to DTSC. Submit your EPA ID Number to this Division.

☐ 106. Facility not operated to prevent a spill or release. (CCR 66265.31) No Spills observed

Compliance Requirement: Facility must conduct housekeeping & operate to prevent all spills. Signature on certification below denotes compliance.

☐ 107. A Contingency Plan has not been established. (CCR 66265.51(a))

☐ 202. A Business Plan has not been established. (CHSC 25503.5)

Last BP Submitted 7/9/10

☒ 203. A Business Plan has not been submitted / updated. (CHSC 25505)

Compliance Requirement: Submit the original and one copy of the Business Emergency/Contingency Plan to this Division. NOTE: You must keep a current copy of your Business Emergency/Contingency Plan onsite and available at all times.

INVENTORY: (4) 12,000gal ASPHALT UST; (1) 1000gal AST ASPHALT
(1) 30g Aqueous Parts washer
(16) 240 Ft³ oxygen (3) 275gal AD-HERE Amino ethyl/ethanolamine
(4) 120 Ft³ Acetylene
(2) 55gal Motor oil (1) 850gal Asphalt Emulsion AST

☐ 131. Training documentation not complete or available. (CCR 66262.34(d)(2)) ANNUAL TRAINING PROVIDED

Compliance Requirement: Submit training documentation as required.

Container Storage and Labeling Requirements:

☐ 110. Hazardous waste containers are not labeled/marked. (CCR 66262.34(f)(3)) No waste observed - ~~Solvent tank~~ Aqueous Parts Washer

☐ 111. Hazardous waste label is incomplete. (CCR 66262.34(f)(3)) No waste observed

☐ 112. Accumulation start date is missing from tank/container. (CCR 66262.34(f)(2)) No waste observed

Compliance Requirement: Hazardous waste label is to be applied to the tank/container. All fields and lines are to be correctly completed.

☐ 113. Accumulation time exceeded. (CCR 66262.34) TIME NOT Exceeded

Compliance Requirement: Dispose of waste using a licensed waste hauler within 30 days. Submit copies of disposal documents to this Division.

☐ 114. Hazardous waste container not sound. (CCR 66265.171) No waste observed

☐ 115. Hazardous waste container leaking. (CCR 66265.173(b)) No waste observed

☐ 116. Hazardous waste container open when not in use. (CCR 66265.173(a)) No Waste observed

Compliance Requirement: Waste containers must be sound, not leaking and closed when not in use.

Waste Management:

☐ 119. Hazardous waste managed unlawfully. (CHSC 25154) Aqueous Parts Washer ~~Solvent tank~~ serviced by Safety-Kleen Rags laundered by Cintas

Compliance Requirement: Hazardous waste containers and aboveground tanks must be labeled, closed, and inspected (weekly or daily, as appropriate). Waste is to be removed by a licensed waste hauler within the allowed time periods.

☐ 128. Failure to retain **manifested** waste disposal records for 3 years. (CCR 66262.40(a)) Available last pickup 4/21/11 manifest #003609347FL

☐ 137. Failure to retain **consolidated** waste disposal records for 3 years. (CHSC 25160.2(b)(3)) N/A

Compliance Requirement: Submit copies of waste disposal records for the past N/A

☐ 138. Unlawful management of used oil filters. (CCR 66266.130) No drained USED OIL Filters observed

Compliance Requirement: Label all used oil filter containers with "DRAINED USED OIL FILTERS" and the accumulation start date.

Business Description: FACILITY IS AN ASPHALT HOT batch MIX plant using UST Asphalt Storage & AST Asphalt STORAGE ON 3 Acres

Inspected By: Mark Bechel (Sign Name) MARK BECHEL (Print Name) Received By: Andy Meeder (Sign Name) Andy Meeder (Print Name) Title: Foreman Report Date: 7-13-11

Sign and submit the yellow copy of this form within 30 days with the required documents listed in each "Compliance Requirement" section.

I certify that I have met the compliance requirements of this Notice of Violation: Name Date

PHOTO NARRATIVE

PHOTO 1

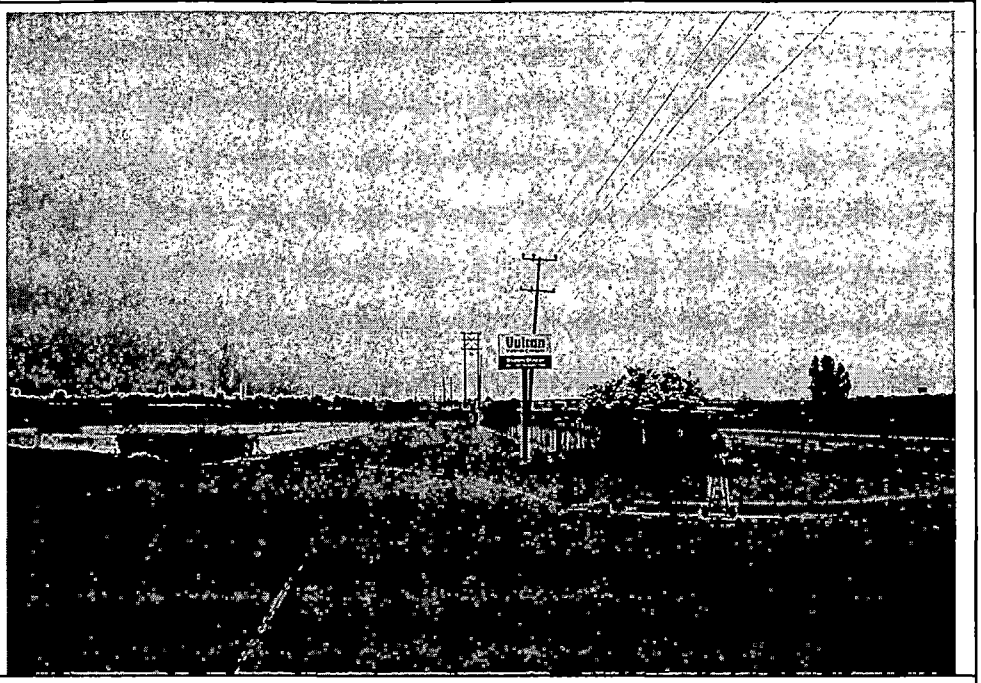


PHOTO 2



Facility/Case Name:	**Vulcan Materials Western Division**	Facility ID #:	**7904**
Address:	**2350 W Highland Ave., San Bernardino**		
1) Description:	**Front entrance to facility located on the north side of Highland Ave.**		
2) Description:	**(1) 30 gallon aqueous parts washer serviced by Safety Kleen.**		
Date Taken:	**July 13, 2011**	Signature:	
Taken By:	**Mark Bechel**		

Revised 02/27/03

PHOTO NARRATIVE

PHOTO 1

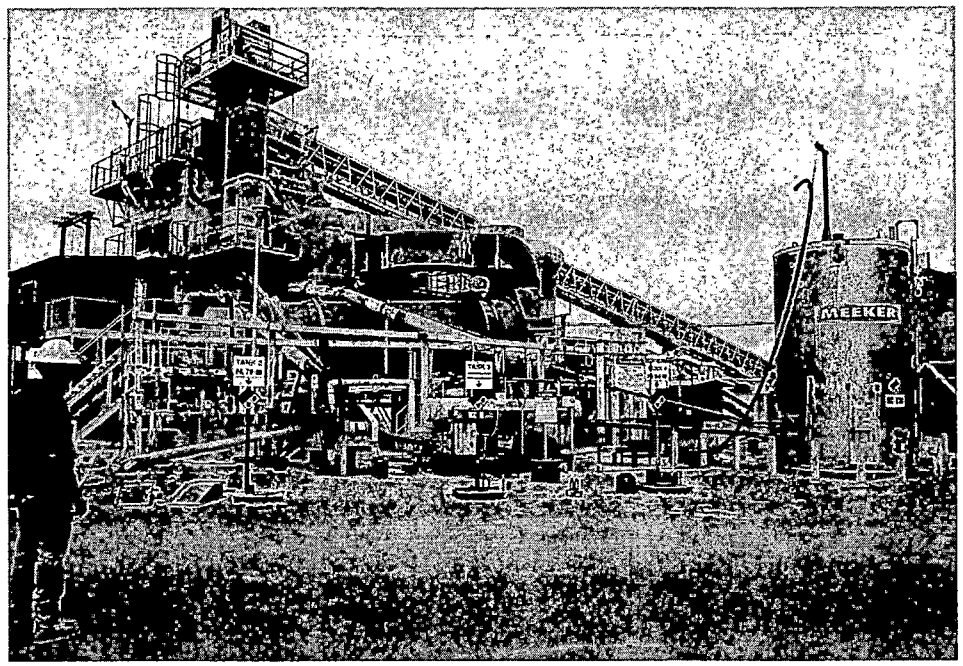
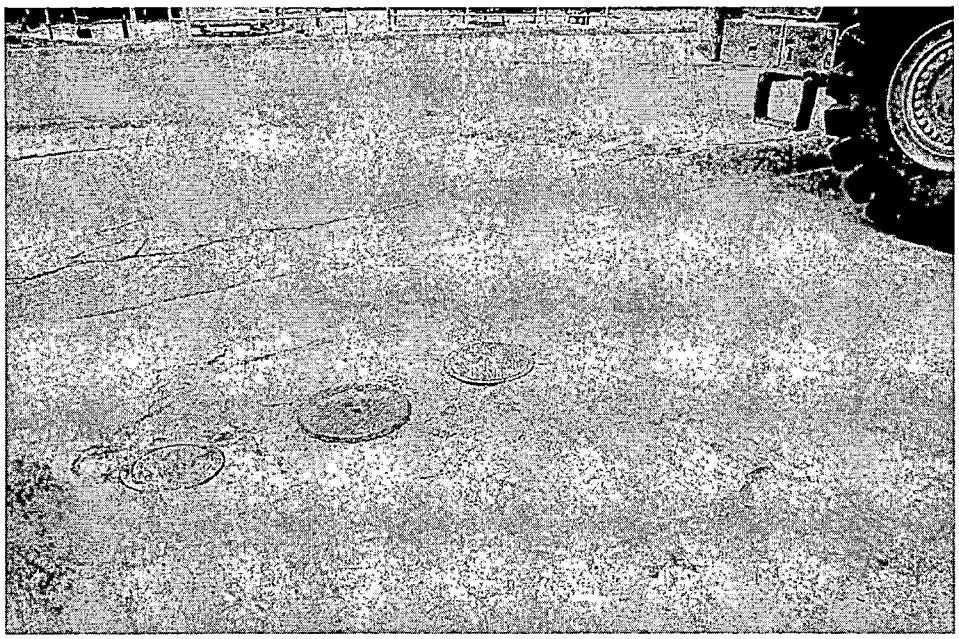


PHOTO 2



Facility/Case Name:	**Vulcan Materials Western Division**	Facility ID #:	**7904**
Address:	**2350 W Highland Ave., San Bernardino**		
1) Description:	**Left to right: (4) 10,000 gallon asphalt USTs, (1) 10,000 gallon Asphalt AST.**		
2) Description:	**Underground storage tank has never been put into service.**		
Date Taken:	**July 13, 2011**	Signature:	
Taken By:	**Mark Bechel**		

Revised 02/27/03

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 7 9 0 4 (This number is on your CUPA permit)

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS (103)	CITY (104)
2350 W. HIGHLAND AVENUE	SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1	PG – GRADE PAVING ASPHALT	165	103	TONS
2	SC – GRADE PAVING ASPHALT	51	51	TONS
3	PROPANE	250	250	GAL
4	SS-1H EMULSION	8000	8500	GAL
5	OXYGEN	2160	240	CF
6	ACETYLENE	720	120	CF
7	DIESEL FUEL NO. 2	0	10000	GAL
8	ASPHALT ANTI-STRIP	825	275	GAL
9	AQUEOUS PARTS WASHER SOLUTION WASTE	15	15	GAL
10				
11				
12				

Summarize the business plan inventory on this page. Place this summary in front of inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, 200 cubic feet, or the threshold planning quantity of an extremely hazardous substance. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities MUST sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER (*print*) (136)	DATE (134)
John C. Spear III	JOHN SPEAR	08/05/11

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

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BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only – Log In/Date Stamp

RECEIVED
AUG 08 2011
S.B. CO. FIRE DEPT.

FACILITY ID #	F	A	0	0	7	9	0	4

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2350 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

Submission Checklist ☒ ***Items with an ' * ' are considered "Inventory" under State disclosure laws***

- ☒ * Business Activities Form
- ☒ * Business Owner/Operator Identification Form
- ☒ * Supplemental Emergency Contact Page
- ☒ Emergency Response Plans and Procedures
- ☒ * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
- ☒ * One Hazardous Materials Inventory Form for each hazardous material (including wastes) which meet reporting criteria
- ☐ * Material Safety Data Sheets attached to the inventory form of each material not listed in Appendix I.
- ☒ * Facility map (using grid form provided) consisting of all required features including the location of each inventoried item.
- ☒ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- ☒ Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- ☒ ***Retain one copy of the business emergency/contingency plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

☒ Please incorporate the following into my business emergency/contingency plan.

- ☒ New Business Owner/Operator Identification Form
- ☒ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
- ☒ New Supplemental Emergency Contact Page.

☐ Other: _____

Brief explanation of changes: _____

☐ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:

- The information contained in the inventory most recently submitted to the CUPA is complete, accurate and up to date.
- There has been no change in the quantity, storage, or handling of hazardous materials (including waste) reported in the most recently submitted inventory.
- No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
- This certification is **not** being made to meet annual inventory submission requirements of EPCRA. **(EPCRA requires complete annual submission)**

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

FD SENT

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER
John C. Spear III	08/05/11	John R. Janke

135

AUG 29 2011

NAME OF SIGNER (print)	TITLE OF SIGNER (print)
JOHN SPEAR	DISTRICT MINE PRODUCTION MGR.

ENTERED
OCT 25 2011

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E", San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	F	A	0	0	0	7	9	0	4	[redacted]

BUSINESS NAME (Same as FACILITY NAME or DBA)	EPA ID # (Hazardous Waste Only)
CALMAT CO. DBA VULCAN MATERIALS COMPANY	CAR000072991

BUSINESS ADDRESS	CITY	ZIP CODE
2350 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. ACTIVITIES DECLARATION

Does your facility...		If YES, the following additional information is required... (Items with an '*' must be submitted to this department)
A. HAZARDOUS MATERIALS		
1. Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases; or the applicable Federal threshold quantity for an extremely hazardous substance; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70; or handle ANY amount of Class 1 or 2 explosives; or ANY amount Category I or II pesticides.	☒ YES ☐ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Have extremely hazardous substances above threshold planning quantities or hazardous substances in quantities greater than 10,000 lbs (except retail gas stations up to 75,000 gallons of gasoline or 100,000 gallons of diesel fuel in upgraded USTs) or otherwise subject to EPCRA 311-312 reporting requirements.	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Must file annually according to EPCRA instructions to meet EPCRA SARA Title III Tier 2 reporting requirements – see instructions, pg i.)
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731) * CalARP REGISTRATION FORM (See Section V of BP guidelines and forms)
C. UNDERGROUND STORAGE TANKS (USTs)		
1. Own or operate underground storage tanks?	☒ YES ☐ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
3. Need to report closing a UST?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank) * HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Store greater than 1320 gallons of petroleum products (new or used) in aboveground tanks or containers?	☒ YES ☐ NO	IF YES, PREPARE AND MAINTAIN A SPILL PREVENTION CONTROL & COUNTERMEASURES PLAN (SPCC) TO ADDRESS RELEASES FROM ABOVEGROUND STORAGE OF PETROLEUM AT YOUR FACILITY.
E. HAZARDOUS WASTE		
1. Generate ANY amount of hazardous waste?	☒ YES ☐ NO	EPA ID NUMBER—provide at the top of this page * BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES ☒ NO	* RECYCLABLE MATERIALS REPORT (Pages 1 and 2)
3. Treat hazardous waste on site?	☐ YES ☒ NO	* ONSITE HAZARDOUS WASTE TRT - FACILITY * ONSITE HAZARDOUS WASTE TRT - UNIT (one per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO	* CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidated hazardous waste generated at a remote site?	☐ YES ☒ NO	* REMOTE WASTE/CONSOLIDATED SITE ANNUAL NOTIFICATION
6. Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☒ NO	IF YES, OBTAIN FEDERAL EPA ID NUMBER, FILE BIENNIAL REPORT (EPA FORM 8700-13A/B) WITH USEPA, AND SATISFY REQUIREMENTS FOR RCRA LARGE QUANTITY GENERATOR.

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INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 7 9 0 4 1 (This number is on your CUPA permit.)

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103	CITY 104
2350 W. HIGHLAND AVENUE	SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1	PG – GRADE PAVING ASPHALT	165	103	TONS
2	SC – GRADE PAVING ASPHALT	51	51	TONS
3	PROPANE	250	250	GAL
4	SS-1H EMULSION	8000	8500	GAL
5	GUARDTOP	8000	8400	GAL
6	OXYGEN	2160	240	CF
7	ACETYLENE	720	120	CF
8	DIESEL FUEL NO. 2	0	10000	GAL
9				
10				
11				
12				

Summarize the business plan inventory on this page. Place this summary in front of inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, 200 cubic feet, or the threshold planning quantity of an extremely hazardous substance. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities MUST sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER *(print)* 136	DATE 134
John C. Spear	JOHN SPEAR	03/03/11

Replaced by
8/05/2011

San Bernardino C ty Fire Department • Hazardous terials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE (909) 386-8401 FAX (909) 386-8460 www.sbcfire.org

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	F A 0 0 0 7 9 0 4	1	EPA ID # (Hazardous Waste Only) CAD98158579	2

BUSINESS NAME (Same as Facility Name of DBA-Doing Business As)
Calmat Co. DBA Vulcan Materials Company 3

BUSINESS SITE ADDRESS
2350 W. Highland Ave 103

BUSINESS SITE CITY	104		ZIP CODE	105
San Bernardino		CA	92407	

II. ACTIVITIES DECLARATION

Does your facility...	If Yes, please complete these pages of the UPCF*....	
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO 4a	Coordinate with your local agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☒ YES ☐ NO 5	UST FACILITY UST TANK
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	☒ YES ☐ NO 8	NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE Generate hazardous waste?	☐ YES ☒ NO 9	EPA ID NUMBER – provide at the top of this page
Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC 25143.2)?	☐ YES ☒ NO 10	RECYCLABLE MATERIALS REPORT (one per recycler)
Treat hazardous waste on-site?	☐ YES ☒ NO 11	ON-SITE HAZARDOUS WASTE TREATMENT – FACILITY ON-SITE HAZARDOUS WASTE TREATMENT – UNIT
Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12	CERTIFICATION OF FINANCIAL ASSURANCE
Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
Need to report the closure/removal of a tank that was classified as containing hazardous waste and cleaned on-site?	☐ YES ☒ NO 14	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of Federal RCRA hazardous waste; or generate in any single calendar month, or accumulate at any time 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acutely hazardous waste.	☐ YES ☒ NO 14a	Obtain Federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
Household Hazardous Waste (HHW) Collection site?	☐ YES ☒ NO 14b	See CUPA for required forms.
F. LOCAL REQUIREMENTS		

*Unified Program Consolidated Forms

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BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only – Log In/Date Stamp
RECEIVED
MAR 10 2011
S.B. CO. FIRE DEPT.

FACILITY ID #	F	A	0	0	0	7	9	0	4

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2350 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

Submission Checklist ☒ — *Items with an ' * ' are considered "Inventory" under State disclosure laws*

- ☒ * Business Activities Form
- ☒ * Business Owner/Operator Identification Form
- ☒ * Supplemental Emergency Contact Page
- ☒ Emergency Response Plans and Procedures
- ☒ * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
- ☒ * One Hazardous Materials Inventory Form for each hazardous material (including wastes) which meet reporting criteria
- ☐ * Material Safety Data Sheets attached to the inventory form of each material not listed in Appendix I.
- ☒ * Facility map (using grid form provided) consisting of all required features including the location of each inventoried item.
- ☒ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- ☒ Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- ☒ ***Retain one copy of the business emergency/contingency plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

- ☐ Please incorporate the following into my business emergency/contingency plan.
  - ☒ New Business Owner/Operator Identification Form
  - ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
  - ☒ New Supplemental Emergency Contact Page.
- ☐ Other: _____

Brief explanation of changes: _____

- ☐ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:
  - The information contained in the inventory most recently submitted to the CUPA is complete, accurate and up to date.
  - There has been no change in the quantity, storage, or handling of hazardous materials (including waste) reported in the most recently submitted inventory.
  - No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
  - This certification is **not** being made to meet annual inventory submission requirements of EPCRA. (**EPCRA requires complete annual submission**)

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER
John C. Spear III	03/03/11	John R. Janke

ED SENT MAR 18 2011

135

NAME OF SIGNER *(print)*	TITLE OF SIGNER *(print)*
JOHN SPEAR	HMA DISTRICT PRODUCTION MGR.

ENTERED SEP 15 2011

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE (909) 386-8401 FAX (909) 386-8460 www.sbcfire.org

INVENTORY SUMMARY FORM

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 7 9 0 4 (This number is on your CUPA permit)

BUSINESS NAME (Same as FACILITY NAME or DBA) 3

Calmat Co. DBA Vulcan Materials Company

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1 , 2	PG Grade Paving Asphalt	23,200	10,000	Gallons Gallons
3	SC Grade Paving Asphalt	27,700	14,300	Gallons
4	Propane	250	250	Gallons
5	Asphalt Emulsion	8000	8500	Gallons
6	Guardtop	10500	10000	Gallons
7	Oxygen	2160	240	Ft^3
8	Acetylene	720	120	Ft^3
9	Diesel Fuel	0	10000	Gallons

Summarize the Business Plan inventory on this page. Place this summary in front of the inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, 200 cubic feet, or the threshold planning quantity of an extremely hazardous substance. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities MUST sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER *(print)* 136	DATE 134
Matt Bransletter	Matt Bransletter	7-24-09

Inventory Summary Page ___ of ___

Replaced By
6/29/10

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

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BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only – Log In/Date Stamp

RECEIVED
JUL 09 2010
S.B. CO. FIRE DEPT.

FACILITY ID #	F	A	0	0	0	7	9	0	4

BUSINESS NAME (Same as FACILITY NAME or DBA) 3

CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2350 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

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- ☒ Emergency Response Plans and Procedures
- ☒ * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
- ☒ * One Hazardous Materials Inventory Form for each hazardous material (including wastes) which meet reporting criteria
- ☐ * Material Safety Data Sheets attached to the inventory form of each material not listed in Appendix I.
- ☒ * Facility map (using grid form provided) consisting of all required features including the location of each inventoried item.
- ☒ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- ☒ Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- ☒ ***Retain one copy of the business emergency/contingency plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

☐ Please incorporate the following into my business emergency/contingency plan.

- ☒ New Business Owner/Operator Identification Form
- ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
- ☒ New Supplemental Emergency Contact Page.

☐ Other: _____

Brief explanation of changes: _____

☐ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:

- The information contained in the inventory most recently submitted to the CUPA is complete, accurate and up to date.
- There has been no change in the quantity, storage, or handling of hazardous materials (including waste) reported in the most recently submitted inventory.
- No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
- This certification is **not** being made to meet annual inventory submission requirements of EPCRA. **(EPCRA requires complete annual submission)**

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER 135
John C. Spear	06/29/10	John R. Janke
NAME OF SIGNER (print) JOHN SPEAR	TITLE OF SIGNER (print) HMA DISTRICT AGGT MANAGER	

FD SENT

ENTERED
JUL 21 2010

FD SENT

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 7 9 0 4 1 (This number is on your CUPA permit.)

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103	CITY 104
2350 W. HIGHLAND AVENUE	SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1	PG – GRADE PAVING ASPHALT	165	103	TONS
2	SC – GRADE PAVING ASPHALT	51	51	TONS
3	PROPANE	250	250	GAL
4	SS-1H EMULSION	8000	8500	GAL
5	GUARDTOP	8000	8400	GAL
6	OXYGEN	2160	240	CF
7	ACETYLENE	720	120	CF
8	DIESEL FUEL NO. 2	0	10000	GAL
9				
10				
11				
12				

Summarize the business plan inventory on this page. Place this summary in front of inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, 200 cubic feet, or the threshold planning quantity of an extremely hazardous substance. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities MUST sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER *(print)* 136	DATE 134
Matt Branstetter	Matt Branstetter	2-14-08

Inventory Summary Page 1 of 1

BP of 2/19/10
Replaces this Plan
MB

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE (909) 386-8401 FAX (909) 386-8460 www.sbcfire.org

BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only – Log In/Date Stamp

RECEIVED
FEB 19 2010
S.B. CO. FIRE DEPT.

FACILITY ID #	F	A	0	0	0	7	9	0	4

BUSINESS NAME (Same as FACILITY NAME or DBA) 3
Calmat Co. DBA Vulcan Materials Company

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2350 W. Highland Ave	San Bernardino	92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire Business Emergency/Contingency Plan whether new or revised)

Submission Checklist ☒ *Items with an ' * ' are considered "Inventory" under State disclosure laws*

- ☒ * Business Activities Form
- ☒ * Business Owner/Operator Identification Form
- ☒ * Supplemental Emergency Contact Page
- ☒ Emergency Response Plans and Procedures
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- ☒ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan
- ☒ Submit the original and 1 copy to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction
- ☒ ***Retain one copy of the business emergency/contingency plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

- ☐ Please incorporate the following into my Business Emergency/Contingency Plan
  - ☐ New Business Owner/Operator Identification Form
  - ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected)
  - ☐ New Supplemental Emergency Contact Page
- ☐ Other: _____

Brief explanation of changes: _____

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  - No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
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IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER 135
	2-11-10	John R. Janke
NAME OF SIGNER *(print)*	TITLE OF SIGNER *(print)*	
John R Janke	Environmental Specialist.	

ENTERED
MAR 04 2010

FD SENT
FEB 23 2010

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE (909) 386-8401 FAX (909) 386-8460 www.sbcfire.org

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #		EPA ID # (Hazardous Waste Only)
F A 0 0 0 7 9 0 4	1	CAD98158579 2

BUSINESS NAME (Same as Facility Name of DBA-Doing Business As)
Calmat Co. DBA Vulcan Materials Company 3

BUSINESS SITE ADDRESS
2350 W. Highland Ave 103

BUSINESS SITE CITY		ZIP CODE
San Bernardino 104	CA	92407 105

II. ACTIVITIES DECLARATION

Does your facility...	If Yes, please complete these pages of the UPCF*....	
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO 4a	Coordinate with your local agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☒ YES ☐ NO 5	UST FACILITY UST TANK
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	☒ YES ☐ NO 8	NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE Generate hazardous waste?	☐ YES ☒ NO 9	EPA ID NUMBER – provide at the top of this page
Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC 25143.2)?	☐ YES ☒ NO 10	RECYCLABLE MATERIALS REPORT (one per recycler)
Treat hazardous waste on-site?	☐ YES ☒ NO 11	ON-SITE HAZARDOUS WASTE TREATMENT – FACILITY ON-SITE HAZARDOUS WASTE TREATMENT – UNIT
Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12	CERTIFICATION OF FINANCIAL ASSURANCE
Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
Need to report the closure/removal of a tank that was classified as containing hazardous waste and cleaned on-site?	☐ YES ☒ NO 14	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of Federal RCRA hazardous waste; or generate in any single calendar month, or accumulate at any time 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acutely hazardous waste.	☐ YES ☒ NO 14a	Obtain Federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
Household Hazardous Waste (HHW) Collection site?	☐ YES ☒ NO 14b	See CUPA for required forms.
F. LOCAL REQUIREMENTS		

*Unified Program Consolidated Forms

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INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 7 9 0 4 1 (This number is on your CUPA permit.)

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103	CITY 104
2350 W. HIGHLAND AVENUE	SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1	PG – GRADE PAVING ASPHALT	165	103	TONS
2	SC – GRADE PAVING ASPHALT	51	51	TONS
3	PROPANE	250	250	GAL
4	SS-1H EMULSION	8000	8500	GAL
5	GUARDTOP	8000	8400	GAL
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8	DIESEL FUEL NO. 2	0	10000	GAL
9				
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Summarize the business plan inventory on this page. Place this summary in front of inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, 200 cubic feet, or the threshold planning quantity of an extremely hazardous substance. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities MUST sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER (*print*) 136	DATE 134
Matt Branstetter	Matt Branstetter	04/10/2007

Inventory Summary Page 1 of 1

BP of 2/26/08
Replaces this Plan
MB

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www.sbcfire.org

BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

FACILITY ID # F A 0 0 0 7 9 0 4

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2350 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

For Dept Use Only – Log In/Date Stamp
RECEIVED
FEB 26 2008
S.B. CO. FIRE DEPT.

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

Submission Checklist ☒ — ***Items with an ' * ' are considered "Inventory" under State disclosure laws***

- ☒ * Business Activities Form
- ☒ * Business Owner/Operator Identification Form
- ☒ * Supplemental Emergency Contact Page
- ☒ Emergency Response Plans and Procedures
- ☒ * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
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- ☒ * Facility map (using grid form provided) consisting of all required features including the location of each inventoried item.
- ☒ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
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III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

- ☐ Please incorporate the following into my business emergency/contingency plan.
  - ☐ New Business Owner/Operator Identification Form
  - ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
  - ☐ New Supplemental Emergency Contact Page.
- ☐ Other: _____

Brief explanation of changes: _____

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IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER
Matt Branstetter	2-14-08	Marizel S. Miller 135
NAME OF SIGNER (*print*)	TITLE OF SIGNER (*print*)	
Matt Branstetter	Plant Manager	

ENTERED
FEB 29 2008

ENTERED
FEB 26 2008

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San Bernardino County Fire Department • Hazardous Materials Division
620 South "E", San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	F	A	0	0	0	7	9	0	4	[redacted]

BUSINESS NAME (Same as FACILITY NAME or DBA)	EPA ID # (Hazardous Waste Only)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	

BUSINESS ADDRESS	CITY	ZIP CODE
2350 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. ACTIVITIES DECLARATION

Does your facility...		If YES, the following additional information is required... (Items with an '*' must be submitted to this department)
A. HAZARDOUS MATERIALS		
1. Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases; or the applicable Federal threshold quantity for an extremely hazardous substance; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70; or handle ANY amount of Class 1 or 2 explosives; or ANY amount Category I or II pesticides.	☒ YES ☐ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Have extremely hazardous substances above threshold planning quantities or hazardous substances in quantities greater than 10,000 lbs (except retail gas stations up to 75,000 gallons of gasoline or 100,000 gallons of diesel fuel in upgraded USTs) or otherwise subject to EPCRA 311-312 reporting requirements.	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Must file annually according to EPCRA instructions to meet EPCRA SARA Title III Tier 2 reporting requirements – see instructions, pg i.)
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731) * CalARP REGISTRATION FORM (See Section V of BP guidelines and forms)
C. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks?	☒ YES ☐ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
3. Need to report closing a UST?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank) * HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Store greater than 1320 gallons of petroleum products (new or used) in aboveground tanks or containers?	☒ YES ☐ NO	IF YES, PREPARE AND MAINTAIN A SPILL PREVENTION CONTROL & COUNTERMEASURES PLAN (SPCC) TO ADDRESS RELEASES FROM ABOVEGROUND STORAGE OF PETROLEUM AT YOUR FACILITY.
E. HAZARDOUS WASTE 1. Generate ANY amount of hazardous waste?	☐ YES ☒ NO	EPA ID NUMBER—provide at the top of this page * BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES ☒ NO	* RECYCLABLE MATERIALS REPORT (Pages 1 and 2)
3. Treat hazardous waste on site?	☐ YES ☒ NO	* ONSITE HAZARDOUS WASTE TRT - FACILITY * ONSITE HAZARDOUS WASTE TRT - UNIT (one per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO	* CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidated hazardous waste generated at a remote site?	☐ YES ☒ NO	* REMOTE WASTE/CONSOLIDATED SITE ANNUAL NOTIFICATION
6. Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☒ NO	IF YES, OBTAIN FEDERAL EPA ID NUMBER, FILE BIENNIAL REPORT (EPA FORM 8700-13A/B) WITH USEPA, AND SATISFY REQUIREMENTS FOR RCRA LARGE QUANTITY GENERATOR.

Business Emergency/Contingency Plan Receipt

Mail to: VULCAN MATERIALS WESTERN DIVISION
2350 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Site Address: VULCAN MATERIALS WESTERN DIVISION
2350 W HIGHLAND
SAN BERNARDINO, CA 92407

Service Request ID: SR0013842
Facility ID: FA0007904

The Business Emergency/Contingency Plan was received on April 24, 2007 by the Hazardous Materials Division.

For future reference, please note the following Business Emergency/Contingency Plan requirements:

1. The contents of this plan are subject to field verification and a current copy of this plan must be available on site.
2. This plan contains important information on preventing, responding to, and reporting releases of hazardous materials/waste. Employees are expected to be familiar with these portions of the plan.
3. The plan is available for public inspection through this Division, with the exception of substantiated trade secrets, the separate confidential emergency contact page, and maps specifying the precise storage locations of hazardous materials/wastes.
4. Two copies of the plan and/or update is required to be filed with this Division. The second copy will be forwarded to the local fire jurisdiction.
5. The annual deadline for submission of business plan inventory is March 1st. Please note that EPA does not allow EPCRA facilities to file a recertification in place of annual inventory. Also, this Division typically does not send individual notices of this statutory deadline, so please note the March 1st date for future annual submissions.

Within 30 days of any of the following events, an amendment to the Business Emergency/Contingency Plan must be filed:

1. A 100 percent or more increase in quantity of a previously disclosed item.
2. Any handling of a previously undisclosed hazardous material (including waste) required to be inventoried or elimination of a previously inventoried item.
3. Change of business address, business ownership, or business name.
4. Change of emergency contact information or other site conditions that may significantly affect emergency response.

For more information please consult the latest version of the San Bernardino County CUPA Business Emergency/Contingency Plan guidelines and forms, available through our website at www.sbcfire.org or by calling this office at (909) 386-8401.

CUPA
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www.sbcfire.org

BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only – Log In/Date Stamp

RECEIVED
APR 24 2007
S.B. CO. FIRE DEPT.

FACILITY ID #	F	A	0	0	0	7	9	0	4

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
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II. SUBMISSION CHECKLIST

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Submission Checklist ☒ ***Items with an ' * ' are considered "Inventory" under State disclosure laws***

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Brief explanation of changes: _____

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SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER	
Matt Branstetter	04/10/2007	Marizel S. Miller	135
NAME OF SIGNER (*print*)		TITLE OF SIGNER (*print*)	
Matt Branstetter		Plant Manager	

ENTERED
APR 20 2007

FD SENT
APR 27 2007

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E", San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS ACTIVITIES

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FACILITY ID # F A 0 0 0 7 9 0 4 [redacted]

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

EPA ID # (Hazardous Waste Only)

BUSINESS ADDRESS
2350 W. HIGHLAND AVENUE

CITY
SAN BERNARDINO

ZIP CODE
92407

II. ACTIVITIES DECLARATION

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1. Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases; or the applicable Federal threshold quantity for an extremely hazardous substance; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70; or handle ANY amount of Class 1 or 2 explosives; or ANY amount Category I or II pesticides.	☒ YES ☐ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Have extremely hazardous substances above threshold planning quantities or hazardous substances in quantities greater than 10,000 lbs (except retail gas stations up to 75,000 gallons of gasoline or 100,000 gallons of diesel fuel in upgraded USTs) or otherwise subject to EPCRA 311-312 reporting requirements.	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Must file annually according to EPCRA instructions to meet EPCRA SARA Title III Tier 2 reporting requirements – see instructions, pg i.)
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731) * CalARP REGISTRATION FORM (See Section V of BP guidelines and forms)
C. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks?	☒ YES ☐ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
3. Need to report closing a UST?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank) * HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Store greater than 1320 gallons of petroleum products (new or used) in aboveground tanks or containers?	☒ YES ☐ NO	IF YES, PREPARE AND MAINTAIN A SPILL PREVENTION CONTROL & COUNTERMEASURES PLAN (SPCC) TO ADDRESS RELEASES FROM ABOVEGROUND STORAGE OF PETROLEUM AT YOUR FACILITY.
E. HAZARDOUS WASTE 1. Generate ANY amount of hazardous waste?	☐ YES ☒ NO	EPA ID NUMBER—provide at the top of this page * BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES ☒ NO	* RECYCLABLE MATERIALS REPORT (Pages 1 and 2)
3. Treat hazardous waste on site?	☐ YES ☒ NO	* ONSITE HAZARDOUS WASTE TRT - FACILITY * ONSITE HAZARDOUS WASTE TRT - UNIT (one per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO	* CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidated hazardous waste generated at a remote site?	☐ YES ☒ NO	* REMOTE WASTE/CONSOLIDATED SITE ANNUAL NOTIFICATION
6. Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☒ NO	IF YES, OBTAIN FEDERAL EPA ID NUMBER, FILE BIENNIAL REPORT (EPA FORM 8700-13A/B) WITH USEPA, AND SATISFY REQUIREMENTS FOR RCRA LARGE QUANTITY GENERATOR.

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San Bernardino County Fire Department • Hazardous Materials Division

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HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: 0007904 Facility Name: Vulcan Materials Inspection Date: 4-24-07

Site Address: 2350 Highland Ave Phone #: 909 875-5180

City: San Bernardino Zip Code: 92407 EPA ID #: N/A

Consent Granted by:

[X] Inspect [X] Photograph Name: Andy Meeder Title: Foreman # Emp: 4 Packet left on site? (Yes/No)

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 and 6.95 of the California Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC)

THE FOLLOWING SECTIONS ARE IN VIOLATION IF THEY ARE CHECKED

General Requirements:

☐ 101. / 201. Hazardous Waste and/or Materials Permits not current. (CC 23.0602(a)) Current

Compliance requirement: Submit fees within 30 days of billing.

☐ 104. EPA ID Number not obtained for waste generation. (CCR 66262.12(a)) N/A

Compliance Requirement: Obtain permanent EPA ID Number by submitting Form 1358 to DTSC. Submit your EPA ID Number to this Division.

☐ 106. Facility not operated to prevent a spill or release. (CCR 66265.31) OK

Compliance Requirement: Facility must conduct housekeeping & operate to prevent all spills. Signature on certification below denotes compliance.

☐ 107. A Contingency Plan has not been established. (CCR 66265.51(a))

☐ 202. A Business Plan has not been established. (CHSC 25503.5)

☐ 203. A Business Plan has not been submitted / updated. (CHSC 25505)

INVENTORY: Compressed Gas Cylinders 6 x 100 ft3 Acetylene, 6 x 215 ft3 Oxygen 5,000 gal Asphalt Emulsion

Compliance Requirement: Submit the original and one copy of the Business Emergency/Contingency Plan to this Division. NOTE: You must keep a current copy of your Business Emergency/Contingency Plan onsite and available at all times.

☐ 131. Training documentation not complete or available. (CCR 66262.34(d)(2))

Compliance Requirement: Submit training documentation as required.

Container Storage and Labeling Requirements:

☐ 110. Hazardous waste containers are not labeled/marked. (CCR 66262.34(f)(3)) N/A

☐ 111. Hazardous waste label is incomplete. (CCR 66262.34(f)(3)) N/A

☐ 112. Accumulation start date is missing from tank/container. (CCR 66262.34(f)(2)) N/A

Compliance Requirement: Hazardous waste label is to be applied to the tank/container. All fields and lines are to be correctly completed.

☐ 113. Accumulation time exceeded. (CCR 66262.34) N/A

Compliance Requirement: Dispose of waste using a licensed waste hauler within 30 days. Submit copies of disposal documents to this Division.

☐ 114. Hazardous waste container not sound. (CCR 66265.171) N/A

☐ 115. Hazardous waste container leaking. (CCR 66265.173(b)) N/A

☐ 116. Hazardous waste container open when not in use. (CCR 66265.173(a)) N/A

Compliance Requirement: Waste containers must be sound, not leaking and closed when not in use.

Waste Management:

☐ 119. Hazardous waste managed unlawfully. (CHSC 25154) Discussed Universal Waste

Compliance Requirement: Hazardous waste containers and aboveground tanks must be labeled, closed, and inspected (weekly or daily, as appropriate). Waste is to be removed by a licensed waste hauler within the allowed time periods.

☐ 128. Failure to retain **manifested** waste disposal records for 3 years. (CCR 66262.40(a)) N/A

☐ 137. Failure to retain **consolidated** waste disposal records for 3 years. (CHSC 25160.2(b)(3)) N/A

Compliance Requirement: Submit copies of waste disposal records for the past N/A

☐ 138. Unlawful management of used oil filters. (CCR 66266.130) N/A

Compliance Requirement: Label all used oil filter containers with "DRAINED USED OIL FILTERS" and the accumulation start date.

Business Description:

Inspected By: Jerry Nows (Sign Name) Jerry Nows (Print Name)

Received By: Andrew Meeder (Sign Name) Andrew Meeder (Print Name) Title: Foreman

Report Date: 4-24-07

Sign and submit the yellow copy of this form within 30 days with the required documents listed in each "Compliance Requirement" section.

I certify that I have met the compliance requirements of this Notice of Violation:

Name Date

PHOTO NARRATIVE

PHOTO 1

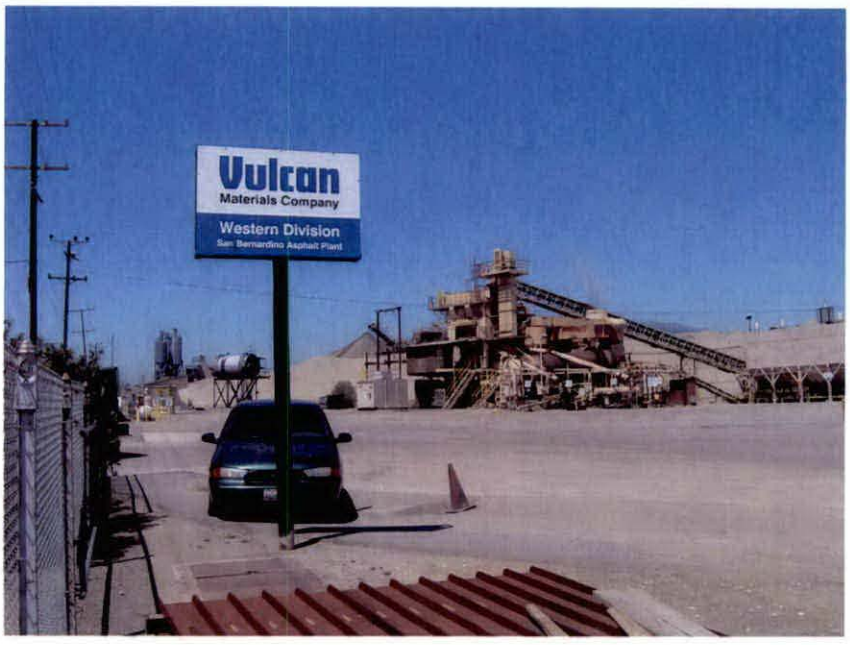


PHOTO 2



Facility/Case Name: **Vulcan Materials - Asphalt** Facility ID #: **FA0007904**

Address: **2350 West Highland, San Bernardino,California 92407**

1) Description: **Photo of the Vulcan Materials asphalt batching plant**

2) Description: **Compressed gas cylinder storage, 6-Oxygen and 6-acetylene**

Date Taken: **April 24, 2007**

Taken By: **Jerry Wong** Signature: _____

PHOTO NARRATIVE

PHOTO 1

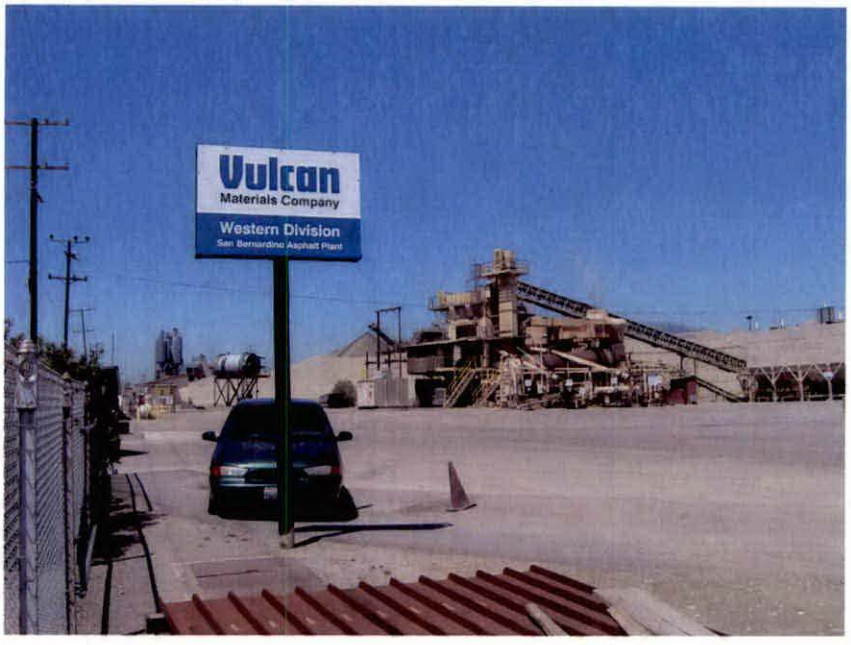


PHOTO 2



Facility/Case Name: **Vulcan Materials - Asphalt** Facility ID #: **FA0007904**

Address: **2350 West Highland, San Bernardino,California 92407**

1) Description: **Photo of the Vulcan Materials asphalt batching plant**

2) Description: **Compressed gas cylinder storage, 6-Oxygen and 6-acetylene**

Date Taken: **April 24, 2007**

Taken By: **Jerry Wong** Signature: _____

COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
ECONOMIC DEVELOPMENT
AND PUBLIC SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PETER R. HILLS
Fire Chief
County Fire Warden

27 AUGUST 2004

CALMAT CO DBA VULCAN-ASPHALT PLANT
ATTN: ANDY MEEDER
2400 W. HIGHLAND AVENUE
SAN BERNARDINO, CA 92407

SUBJECT: BUSINESS PLAN ACCEPTANCE –2350 W. HIGHLAND, SAN BERNARDINO

The Hazardous Materials Division has reviewed the Business Emergency/Contingency plan of **CALMAT CO DBA VULCAN-ASPHALT PLANT** submitted and determined that the data submitted meets the requirements of this CUPA, the California Health and Safety Code, Chapter 6.95, and Title 19 of the California Code of Regulations. The contents of this plan are subject to field verification and inspection and a current copy of this plan must be available on site.

This plan contains important information on preventing, responding to, and reporting releases of hazardous materials/wastes and employees are expected to be familiar with its relevant portions. The contents of this plan are also available for public inspection, with the exception of: substantiated trade secrets, the separate confidential emergency contact page, and portions of the plan (e.g. facility map) specifying the precise locations of hazardous materials/wastes. A copy of this plan has also been sent to the local fire jurisdiction.

Within 30 days of any of the following events, the above business must submit to this office an amendment to the appropriate portions of the inventory:

1. A 100 percent or more increase in quantity of a previously disclosed item.
2. Any handling of a previously undisclosed hazardous material (including waste) required to be inventoried or elimination of a previously inventoried item.
3. Change of business address, business ownership, or business name.
4. Change of emergency contact information or other site conditions that may significantly affect emergency response.

The annual deadline for submission of business plan inventory is March 1st. Please note that EPA does not allow EPCRA facilities to file a recertification in place of annual inventory. Also, this Department typically does not send individual notices of this statutory deadline, so please note the date for future action.

An electronic version of the Business Emergency/Contingency Plan Forms and Guidelines is available at our website www.sbcfire.org. Click on the HAZMAT bar located on the left side of the page. Then click on Forms & Guidelines in the title bar. Finally, click on the Business Plan title, this will link you to all forms associated with the Business Plan Program. Should you have any further questions, comments, or concerns, please feel free to contact me at (909) 386-8401 or lheaviside@fire.sbcounty.gov.

LESLIE HEAVISIDE, REHS
Business Plan Program

Interim County Administrative Officer
REGINALD A. RANDLE
Assistant County Administrator
Economic Development and
Public Services Group

Board of Supervisors
BILL POSTMUS ..... First District
PAUL BIANE ..... Second District
CLIFFORD YOUNG ..... Fifth District

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620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

FACILITY ID # F A 1 (This number is on your CUPA permit.)

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103	CITY 104
2350 W. HIGHLAND AVE.	SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1	AR- GRADE PAVING ASPHALT	165	103	TONS
2	SC-GRADE PAVING ASPHALT	51	51	TONS
3	OXYGEN	1440	240	CF
4	ACETYLENE	720	120	CF
5	PROPANE	250	250	GAL
6	OIL/GREASE	63	12	GAL
7	SS-1H EMULSION	8000	8500	GAL
8	GUARDTOP	8000	8400	GAL

Summarize the business plan inventory on this page. Place this summary in front of inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, or 200 cubic feet. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities: Also sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER (*print*) 136	DATE 134
Tony Varisco	TONY VARISCO	8/15/03

BP of 3-2004 replaced this plan LA

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BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only – Log In/Date Stamp

RECEIVED
MAR 02 2004
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

FACILITY ID #	F	A	0	0	0	7	9	0	4

BUSINESS NAME (Same as FACILITY NAME or DBA) 3
CALMAT CO DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2350 W. HIGHLAND AVE.	SAN BERNARDINO	92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

Submission Checklist ☒ ***Items with an ' * ' are considered "Inventory" under State disclosure laws***

- ☒ * Business Activities Form
- ☒ * Business Owner/Operator Identification Form
- ☒ * Supplemental Emergency Contact Page
- ☒ Emergency Response Plans and Procedures
- ☒ * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
- ☒ * One Hazardous Materials Inventory Form for each hazardous material (including wastes) which meet reporting criteria
- ☐ * Material Safety Data Sheets attached to the inventory form of each material not listed in Appendix I.
- ☒ * Facility map (using grid form provided) consisting of all required features including the location of each inventoried item.
- ☒ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- ☒ Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- ☒ ***Retain one copy of the business emergency/contingency at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

- ☐ Please incorporate the following into my business emergency/contingency plan.
  - ☐ New Business Owner/Operator Identification Form
  - ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
  - ☐ New Supplemental Emergency Contact Page.
- ☐ Other: _____

Brief explanation of changes: _____

- ☐ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:
  - The information contained in the inventory most recently submitted to the CUPA is complete, accurate and up to date.
  - There has been no change in the quantity, storage, or handling of hazardous materials (including waste) reported in the most recently submitted inventory.
  - No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
  - This certification is not being made to meet annual inventory submission requirements of EPCRA. (EPCRA requires complete annual submission)

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER 135
Tony Varisco	3/1/04	THERESA THOMPSON
NAME OF SIGNER *(print)*	TITLE OF SIGNER *(print)*	
TONY VARISCO	PRINCIPAL ENVIRONMENTAL SPECIALIST	

FD SENT
03 03 04

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San Bernardino County Fire Department • Hazardous Materials Division
620 South "E", San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	F	A	0	0	0	7	9	0	4	[redacted]	EPA ID # (Hazardous Waste Only) CAR000073007

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS ADDRESS	CITY	ZIP CODE
2350 W. HIGHLAND AVE.	SAN BERNARDINO	92407

II. ACTIVITIES DECLARATION

Does your facility...	If YES, please complete these portions of the application...	
A. HAZARDOUS MATERIALS Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases; or the applicable Federal threshold quantity for an extremely hazardous substance; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70; or handle ANY amount of Class 1 or 2 explosives; or ANY amount Category I or II pesticides.	X YES ☐ NO	BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold planning quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES X NO	BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731) CalARP REGISTRATION FORM
C. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks?	X YES ☐ NO	UST FACILITY UST TANK (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES X NO	UST FACILITY UST TANK (Pages 1 and 2) (One set per tank) UST INSTALLATION – CERTIFICATE OF COMPLIANCE (one page per tank)
3. Need to report closing a UST?	☐ YES X NO	UST FACILITY UST TANK (Pages 1 and 2) (One set per tank) HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Store greater than 1320 gallons of petroleum products?	☐ YES X NO	IF YOU ANSWERED YES, PREPARE AND MAINTAIN A SPCC PLAN AS PART OF YOUR CONTINGENCY PLAN TO ADDRESS OIL SPILLS AND RELEASES FROM THE ASTs AT YOUR FACILITY.
E. HAZARDOUS WASTE 1. Generate ANY amount of hazardous waste?	☐ YES X NO	EPA ID NUMBER---provide at the top of this page BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES X NO	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES X NO	ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Form 1772) ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTSC Forms 1772A, B, C and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES X NO	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidated hazardous waste generated at a remote site?	☐ YES X NO	REMOTE WASTE / CONSOLIDATED SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)

Name & Address correction

HAZ DOUS MATERIAL FIELD SERV S
COM. TER DATABASE UPDATE AUT. IZATION

UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A

CURRENT INVOICE MAILING CODE: O

O- OWNER INFORMATION

OWNER ID: OW0001423

NAME: CAL MAT CO. DBA Vulcan Materials

ADDRESS 1: P O BOX 2950/TRMNL ANNEX ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90051-9005 COUNTRY:

PHONE: EXT: FAX:

ALT PHONE: 213-258-2777 EXT: DRIVER LICENSE:

TAX ID: OWNER SWITCH DATE: LAST UPDATED: 8/15/2002

OWNER MAILING ADDRESS

CARE OF: PETER CHIU DBA: CAL MAT CO.

ADDRESS1: P O BOX 2950/TRMNL ANNEX ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90051 COUNTRY:

F- FACILITY INFORMATION

FACILITY ID: FA0007904

NAME: ~~VULCAN MATERIALS~~ CalMat DBA Vulcan Materials - Asphalt Div

ADDRESS 1: ~~2400~~ W HIGHLAND 2350 ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407-2407

SIC CODE: 2951 BUSINESS CODE: 01 BUSINESS TYPE: 06

CENSUS: NA SUPERVISORIAL DISTRICT: 005 INSPECTION DISTRICT: 07

PHONE: 909-875-5180 EXT: FIRE JURISDICTION: SAN BDNO CITY FIRE

ALT PHONE: EXT: FAX: LAST UPDATED: 12/5/2003

FACILITY MAILING ADDRESS

BUSINESS NAME: VULCAN MATERIALS

CARE OF: DARYL CHARLSON

ADDRESS 1: ~~2400~~ W HIGHLAND AVE 2350 ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407-2407 COUNTRY: USA

EMAIL:

A- A/R INFORMATION

ACCOUNT ID: AR0008313

RESPONSIBLE PARTY:

CARE OF:

ADDRESS 1: ADDRESS 2:

CITY: STATE: ZIP CODE: COUNTRY:

PHONE: EXT: DRIVER LICENSE:

ALT PHONE: EXT: LAST UPDATED: 2/5/2004

ALT PHONE: EXT: ANNIVERSARY DATE: 8/31/2003

TAX ID:

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

UPDATE/CLOSE/Z.O.B.	PT0013[illegible]	PR0012216	4260	[illegible]	8/31/2004	
	PERMIT NUMBER.	PROGRAM RECORD	ORIGINAL P.E.	STATUS	EXPIRATION DATE	UPDATED P.E.
UPDATE/CLOSE/Z.O.B.	PT0013815	PR0012215	4104	ACTIVE	8/31/2004	
	PERMIT NUMBER.	PROGRAM RECORD	ORIGINAL P.E.	STATUS	EXPIRATION DATE	UPDATED P.E.
ADD NEW P.E.						
	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	

NUMBER OF EMP. _____ NUMBER OF UST'S 1 MFR # _____

DATE SUBMITTED: _____ DATE ENTERED: 3/2/04 FISCAL DATE: _____

SUBMITTED BY: _____ ENTERED BY: _____

COMMENTS/REMARKS:

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only – Log In/Date Stamp

RECEIVED
AUG 21 2003
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

FACILITY ID # F A

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2350 W. HIGHLAND AVE.	SAN BERNARDINO	92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

Submission Checklist ☒ ***Items with an ' * ' are considered "Inventory" under State disclosure laws***

- X * Business Activities Form
- X * Business Owner/Operator Identification Form
- X * Supplemental Emergency Contact Page
- X Emergency Response Plans and Procedures
- X * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
- X * One Hazardous Materials Inventory Form for each hazardous material (including wastes) which meet reporting criteria
- ☐ * Material Safety Data Sheets attached to the inventory form of each material not listed in Appendix I.
- X * Facility map (using grid form provided) consisting of all required features including the location of each inventoried item.
- X Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- X Area map - photocopied city map with location of site indicated
- X Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- X Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- X ***Retain one copy of the business emergency/contingency at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

X Please incorporate the following into my business emergency/contingency plan.

- X New Business Owner/Operator Identification Form
- X New Inventory Forms and new Inventory Summary Form (and maps, if affected).
- X New Supplemental Emergency Contact Page.

X Other: PURSUANT TO INSPECTOR C. ARMSTRONG'S REQUEST, A SEPARATE BUSINESS PLAN IS BEING SUBMITTED FOR THE ASPHALT PLANT LOCATED ADJACENT TO VULCAN'S AGGREGATE PLANT.

Brief explanation of changes: _____

☐ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:

- The information contained in the inventory most recently submitted to the CUPA is complete, accurate and up to date.
- There has been no change in the quantity, storage, or handling of hazardous materials (including waste) reported in the most recently submitted inventory.
- No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
- This certification is not being made to meet annual inventory submission requirements of EPCRA. (EPCRA requires complete annual submission)

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER
Tony Varisco	8/13/03	DWIGHT BEAVERS

135

NAME OF SIGNER *(print)*	TITLE OF SIGNER *(print)*
TONY VARISCO	PRINCIPAL ENVIRONMENTAL SPECIALIST

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620 South "E", San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	F	A	[redacted]	EPA ID # (Hazardous Waste Only)
				CAR000073007

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS ADDRESS	CITY	ZIP CODE
2350 W. HIGHLAND AVE.	SAN BERNARDINO	92407

II. ACTIVITIES DECLARATION

Does your facility...	If YES, please complete these portions of the application...	
A. HAZARDOUS MATERIALS Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases; or the applicable Federal threshold quantity for an extremely hazardous substance; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70; or handle ANY amount of Class 1 or 2 explosives; or ANY amount Category I or II pesticides.	X YES ☐ NO	BUSINESS EMERGENCY/CONTINGENCY PLA (Used in place of OES Form 2730 and 2731)
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold planning quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES X NO	BUSINESS EMERGENCY/CONTINGENCY PLA (Used in place of OES Form 2730 and 2731) CalARP REGISTRATION FORM
C. UNDERGROUND STORAGE TANKS (USTs)		
1. Own or operate underground storage tanks?	X YES ☐ NO	UST FACILITY UST TANK (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES X NO	UST FACILITY UST TANK (Pages 1 and 2) (One set per tank) UST INSTALLATION – CERTIFICATE OF COMPLIANCE (one page per tank)
3. Need to report closing a UST?	☐ YES X NO	UST FACILITY UST TANK (Pages 1 and 2) (One set per tank) HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Store greater than 1320 gallons of petroleum products?	☐ YES X NO	IF YOU ANSWERED YES, PREPARE AND MAINTAIN SPCC PLAN AS PART OF YOUR CONTINGENCY PLA TO ADDRESS OIL SPILLS AND RELEASES FROM TH ASTs AT YOUR FACILITY.
E. HAZARDOUS WASTE		
1. Generate ANY amount of hazardous waste?	☐ YES X NO	EPA ID NUMBER---provide at the top of this page BUSINESS EMERGENCY/CONTINGENCY PLA (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES X NO	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES X NO	ONSITE HAZARDOUS WASTE TREATMENT - FACILITY (Formerly DTSC Form 1772) ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit) (Formerly DTS Forms 1772A, B, C and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES X NO	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidated hazardous waste generated at a remote site?	☐ YES X NO	REMOTE WASTE / CONSOLIDATED SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)

Vulcan
Materials Company
Western Division

RECEIVED
AUG 21 2003
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

August 20, 2003

County of San Bernardino
Fire Department
620 South "E" Street
San Bernardino, CA. 92415-0153

RE: New Emergency Plan--CalMat DBA Vulcan Materials-2350 West Highland Ave., San Bernardino, 92407.

Please find enclosed 2-updated new business emergency/contingency plans for the above referenced facility. The facility which is a hot-mix asphalt operation, was linked in the past to our aggregate mining operation at 2400 West Highland Avenue under its emergency/contingency plan (Est. No. 86008958). During a recent inspection by the San Bernardino Fire Department, Mr. Curtis Armstrong mandated that we create a separate emergency/contingency plan for our asphalt operation because it's address is listed as 2350 West Highland Avenue. Although there is a separate entrance for each operation, the properties are contiguous and always have been.

Forwarded herewith is the new emergency/contingency plan for our asphalt operation. It will need an assigned EST No. for identification purposes.

If you have any questions or need additional information contact me at (619) 298-0551. Thank you.

Respectfully,

Tony Varisco
Principal Environmental Specialist
CalMat Co. DBA Vulcan Material Co.

Cc Dave Mundt-Plant Manager

FD SENT 9/11/03

5745 MISSION CENTER ROAD • SAN DIEGO, CALIFORNIA 92108-4300
P.O. BOX 3098 • SAN DIEGO, CALIFORNIA 92163-3098
TELEPHONE 619 298-0551 • FAX 619 298-1355

Business Emergency/Contingency Plan Receipt

Mail to: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

Site Address: VULCAN MATERIALS
2350 W HIGHLAND AVE
SAN BERNARDINO,CA 92407

Service Request ID: SR0001917
Facility ID: FA0007904

The Business Emergency/Contingency Plan was received on August 21, 2003 by the Hazardous Materials Division.

For future reference, please note the following Business Emergency/Contingency Plan requirements:

1. The contents of this plan are subject to field verification and a current copy of this plan must be available on site.

2. This plan contains important information on preventing, responding to, and reporting releases of hazardous materials/waste. Employees are expected to be familiar with these portions of the plan.

3. The plan is available for public inspection through this Division, with the exception of substantiated trade secrets, the separate confidential emergency contact page, and maps specifying the precise storage locations of hazardous materials/wastes.

4. Two copies of the plan and/or update is required to be filed with this Division. The second copy will be forwarded to the local fire jurisdiction.

5. The annual deadline for submission of business plan inventory is March 1st. Please note that EPA does not allow EPCRA facilities to file a recertification in place of annual inventory. Also, this Division typically does not send individual notices of this statutory deadline, so please note the March 1st date for future annual submissions.

Within 30 days of any of the following events, an amendment to the Business Emergency/Contingency Plan must be filed:

1. A 100 percent or more increase in quantity of a previously disclosed item.

2. Any handling of a previously undisclosed hazardous material (including waste) required to be inventoried or elimination of a previously inventoried item.

3. Change of business address, business ownership, or business name.

4. Change of emergency contact information or other site conditions that may significantly affect emergency response.

For more information please consult the latest version of the San Bernardino County CUPA Business Emergency/Contingency Plan guidelines and forms, available through our website at www.sbcfire.org or by calling this office at (909) 386-8401.

SAN BERNARDINO COUNTY CUPA
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

EP: AP:7 AR:0.00

CHARLES ST JOHN
CHARLES ST JOHN
500 N. BRAND BLVD, STE 500
GLENDALE, CA 91203

This Unified Permit is hereby issued to:
VULCAN MATERIALS WEST
DIVISION
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0001676 for a period not to exceed one year from effective date.

Effective Date: 11/1/2014 **Expiration Date: 10/31/2015**

CUPA Facility Type: 5012-CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2

Permit Number	Program Element	Related ID
PT0020774	4031 APSA 1,320-10,000 GAL FAC CAPACITY	PR0020026
PT0011813	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001692
PT0011814	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001693
PT0011815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001694
PT0011816	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001695
PT0002283	4243 HAZARDOUS MATERIALS 4-10 CHEMICALS	PR0002527
PT0002284	4454 LARGE QUANTITY GENERATOR	PR0002528

Permitted by:
San Bernardino County CUPA
620 South "E" Street
San Bernardino, CA 92415-0153
(909) 386-8401

Mike Horton, Fire Marshal

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT. THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

CUPA PERMIT CONDITIONS

As a condition of the Certified Unified Program Agency (CUPA) permit to operate, the owner, operator, and permit holder shall comply with the following:

a. **Hazardous Materials Release Response Plans and Inventories Program (HMRRP):** California Health and Safety Code (CHSC) Division 20, Chapter 6.95, Article 1 and Title 19 California Code of Regulations (CCR).

b. **California Accidental Release Prevention Program (CalARP):** CHSC Division 20, Chapter 6.95, Article 2 and Title 19 CCR.

c. **Underground Storage Tanks (USTs):** CHSC Division 20, Chapters 6.5, 6.7 and Title 23 CCR, Chapter 16.

   (1) Monitoring, Response and Plot Plans shall be approved by the San Bernardino County CUPA.

   (2) The owner and operator are subject to all applicable requirements of Chapter 6.7 of the CHSC and the applicable regulations.

   (3) This permit and permit conditions including the Monitoring, Response and Plot Plans shall be maintained on site.

   (4) Monitoring or programming for monitoring shall be conducted at the locations of the following UST equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas (e.g. double-walled piping); mechanical or electronic line leak detectors; and in-tank liquid level probes used for leak detection.
   Note: The UST ID Number is listed on the front of the permit for each UST

d. **Aboveground Petroleum Storage Act SPCC Plans:** CHSC Division 20, Chapter 6.67 and 40 CFR 112.

e. **Hazardous Waste Generator and Hazardous Waste Onsite Treatment:** CHSC Division 20, Chapter 6.5 and Title 22 CCR, Division 4.5, Chapters 10, 11, 12, 20 and 31.

f. **San Bernardino County Fire Protection District Fire Code (SBCFPD FC), Hazardous Materials Management Plans and Inventories:** CHSC Division 12, Part2, Chapter 1,Article 2, Section 13143.9, CHSC Division 20, Chapter 6.95, Article 1, Section 25504, **SBCFPD FC** Chapter 4 Section 407.5, Section 407.6, Chapter 50, Section 5001.5.1 and Section 5001.5.2.

g. **Unified Program Forms and Electronic Reporting:** CHSC Division 20, Chapter 6.11, Section 25404(e)(4) and Title 27 CCR.

SAN BERNARDINO COUNTY CUPA
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

EP: AP:8 AR:0.00

VULCAN MATERIALS WEST DIVISION #2
500 N. BRAND BLVD, STE 500
GLENDALE, CA 91203

This Unified Permit is hereby issued to:
VULCAN MATERIALS WEST
DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0001676 for a period not to exceed one year from effective date.

Effective Date: 11/1/2013 **Expiration Date: 10/31/2014**

Permit Number	Program Element	Related ID
PT0020774	4031 APSA 1,320-10,000 GAL FAC CAPACITY	PR0020026
PT0011813	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001692
PT0011814	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001693
PT0011815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001694
PT0011816	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001695
PT0002283	4243 HAZARDOUS MATERIALS 4-10 CHEMICALS	PR0002527
PT0002284	4453 SMALL QUANTITY GENERATOR	PR0002528
PT0024512	5012 CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2	PR0032381

Permitted by:
San Bernardino County CUPA
620 South "E" Street
San Bernardino, CA 92415-0153
(909) 386-8401

Mike Horton, Fire Marshal

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT. THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

CUPA PERMIT CONDITIONS

As a condition of the Certified Unified Program Agency (CUPA) permit to operate, the owner, operator, and permit holder shall comply with the following:

a. **Hazardous Materials Release Response Plans and Inventories Program (HMRRP):** California Health and Safety Code (CHSC) Division 20, Chapter 6.95, Article 1 and Title 19 California Code of Regulations (CCR).

b. **California Accidental Release Prevention Program (CalARP):** CHSC Division 20, Chapter 6.95, Article 2 and Title 19 CCR.

c. **Underground Storage Tanks (USTs):** CHSC Division 20, Chapters 6.5, 6.7 and Title 23 CCR, Chapter 16.

   (1) Monitoring, Response and Plot Plans shall be approved by the San Bernardino County CUPA.

   (2) The owner and operator are subject to all applicable requirements of Chapter 6.7 of the CHSC and the applicable regulations.

   (3) This permit and permit conditions including the Monitoring, Response and Plot Plans shall be maintained on site.

   (4) Monitoring or programming for monitoring shall be conducted at the locations of the following UST equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas (e.g. double-walled piping); mechanical or electronic line leak detectors; and in-tank liquid level probes used for leak detection.
   Note: The UST ID Number is listed on the front of the permit for each UST.

d. **Aboveground Petroleum Storage Act SPCC Plans:** CHSC Division 20, Chapter 6.67 and 40 CFR 112.

e. **Hazardous Waste Generator and Hazardous Waste Onsite Treatment:** CHSC Division 20, Chapter 6.5 and Title 22 CCR, Division 4.5, Chapters 10, 11, 12, 20 and 31.

f. **San Bernardino County Fire Protection District Code (SBCFPD FC), Hazardous Materials Management Plans and Inventories:** CHSC Division 12, Part 2, Chapter 1, Article 2, Section 13143.9, CHSC Division 20, Chapter 6.95, Article 1, Section 25504, **SBCFPD FC** Chapter 4, Section 407.5, Section 407.6, Chapter 50, Section 5001.5.1 and Section 5001.5.2.

g. **Unified Program Forms and Electronic Reporting:** CHSC Division 20, Chapter 6.11, Section 25404(e)(4) and Title 27 CCR.

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT
CERTIFIED UNIFIED PROGRAM AGENCY

TEMPORARY UST PERMIT TO OPERATE

VULCAN MATERIALS
WEST DIVISION #2
500 N. BRAND BLVD, STE
500

This Unified Permit is hereby issued to:

VULCAN MATERIALS
WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO CA

Temporary Permit is issued to Facility:FA0001676

Effective Date: 10/31/2013

Permit Number	Program Element
TA0001692 TA0001693 TA0001694 TA0001695	2013-2014 TEMPORARY PERMIT TO OPERATE FOR ALL EXISTING USTS ONSITE ACCORDING TO THEIR APPROVED MONITORING PLAN IS VALID UNTIL THE INVOICE FOR THE 2013-2014 ANNUAL PERMIT IS RECEIVED BY THE PERMITHOLDER. PLEASE CONTACT ANGIE SAMAYOA AT ASAMAYOA@SBCFIRE.ORG WITH ANY QUESTIONS REGARDING THIS TEMPORARY PERMIT TO OPERATE.

Permitted by:
San Bernardino County Fire Protection District
Hazardous Materials Division
620 South "E" Street
San Bernardino, CA 92415-0153
(909) 386-8401

Mark A. Hartwig, Fire Chief

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT. THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

PERMIT CONDITIONS

As a condition of the permit to operate, the owner, operator, and permit holder shall comply with the following:

a. **Hazardous Materials Release Response Plans and Inventories Program (HMRRP):** California Health and Safety Code (CHSC) Division 20, Chapter 6.95, Article 1 and Title 19 California Code of Regulations (CCR).

b. **California Accidental Release Prevention Program (CalARP):** CHSC Division 20, Chapter 6.95, Article 2 and Title 19 CCR.

c. **Underground Storage Tanks (USTs):** CHSC Division 20, Chapters 6.5, 6.7, 6.75, and Title 23 CCR, Chapters 16 & 18.

   (1) Monitoring, Response and Plot Plans shall be approved by the San Bernardino County CUPA.

   (2) The owner and operator are subject to all applicable requirements of Chapter 6.7 and 6.75 of the CHSC and the applicable regulations.

   (3) This permit and permit conditions including the Monitoring, Response and Plot Plans shall be maintained on site.

   (4) Monitoring or programming for monitoring shall be conducted at the locations of the following UST equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas (e.g. double-walled piping); mechanical or electronic line leak detectors; and in-tank liquid level probes used for leak detection.
   Note: The UST ID Number is listed on the front of the permit for each UST.

d. **Aboveground Petroleum Storage Act SPCC Plans:** CHSC Division 20, Chapter 6.67 and 40 CFR 112.

e. **Hazardous Waste Generator and Hazardous Waste Onsite Treatment:** CHSC Division 20, Chapter 6.5 and Title 22 CCR, Division 4.5, Chapters 10, 11, 12, 20 and 31.

f. **Uniform Fire Code, Hazardous Materials Management Plans and Inventories:** CHSC Division 12, Part 2, Chapter 1, Article 2, Section 13143.9, CHSC Division 20, Chapter 6.95, Article 1, Section 25509.2, California Fire Code Chapter 27, Section 2701.5.1 and Section 2701.5.2, formerly referred to as UFC Section 80.103.

g. **Unified Program Forms and Electronic Reporting:** CHSC Division 20, Chapter 6.11, Section 25404(e)(4) and Title 27 CCR.

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

AP:8 AR:0.00

ATTN : SCOTT BEVAN
VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

This Unified Permit is hereby issued to:
VULCAN MATERIALS WEST
DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0001676 for a period not to exceed one year from effective date.

Effective Date: 11/1/2011 **Expiration Date: 10/31/2012**

Permit Number	Program Element	Related ID
PT0002283	4223 HAZMAT HANDLER 26-50 EMPLOYEES	PR0002527
PT0002284	4420 SPECIAL GENERATOR(B)	PR0002528
PT0011813	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001692
PT0011814	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001693
PT0011815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001694
PT0011816	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001695
PT0020774	4031 APSA 1,320-10,000 GAL FAC CAPACITY	PR0020026
PT0024512	4270 EPCRA FACILITY	PR0032381

Mark A. Hartwig, Fire Chief

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY
UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT.
THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

AP:6 AR:0.00

ATTN : MATT BRANSTETTER
VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

This Unified Permit is hereby issued to:
VULCAN MATERIALS WEST
DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0001676 for a period not to exceed one year from effective date.

Effective Date: 8/1/2010 **Expiration Date: 7/31/2011**

Permit Number	Program Element	Related ID
PT0011816	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001695
PT0011813	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001692
PT0002284	4420 SPECIAL GENERATOR(B)	PR0002528
PT0011814	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001693
PT0011815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001694
PT0002283	4223 HAZMAT HANDLER 26-50 EMPLOYEES	PR0002527

Danny R. Wurl

Danny R. Wurl, Fire Chief

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SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

AP:8 AR:0.00

ATTN : PETER CHIU
VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

This Unified Permit is hereby issued to:
VULCAN MATERIALS WEST
DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0001676 for a period not to exceed one year from effective date.

Effective Date: 8/1/2009 Expiration Date: 7/31/2010

Permit Number	Program Element	Related ID
PT0011813	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001692
PT0002284	4420 SPECIAL GENERATOR(B)	PR0002528
PT0011816	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001695
PT0002283	4223 HAZMAT HANDLER 26-50 EMPLOYEES	PR0002527
PT0011814	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001693
PT0011815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0001694
PT0020774	4002 ABOVEGROUND PETROLEUM STORAGE (AST) (SPCC)	PR0020026

Monitoring or programming for monitoring shall be conducted at the locations of the following UST equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas (e.g. double-walled piping); mechanical or electronic line leak detectors; and in-tank liquid level probes used for leak detection.

Pat A. Dennen, Fire Chief/Fire Warden

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY
UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT.
THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

COUNTY OF SAN BERNARDINO
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

ATTN : PETER CHIU
VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

This Unified Permit is hereby issued to:
VULCAN MATERIALS WEST
DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0001676 for a period not to exceed one year from effective date.

Effective Date: 8/1/2008 Expiration Date: 7/31/2009

Permit Number	Program Element	Related ID
PT0011816	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001695
PT0011815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001694
PT0011814	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001693
PT0011813	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001692
PT0002284	4420 SPECIAL GENERATOR(B)	PR0002528
PT0002283	4223 HAZMAT HANDLER 26-50 EMPLOYEES	PR0002527

Pat A. Dennen, Fire Chief/Fire Warden

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY
UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT.
THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

COUNTY OF SAN BERNARDINO
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

ATTN : PETER CHIU
CAL MAT/ DBA VULCAN MAT-ROCK & SAND
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

This Unified Permit is hereby issued to:
CAL MAT/ DBA VULCAN
MAT-ROCK & SAND
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0001676 for a period not to exceed one year from effective date.

Effective Date: 8/1/2007 Expiration Date: 7/31/2008

Permit Number	Program Element	Related ID
PT0002283	4223 HAZMAT HANDLER 26-50 EMPLOYEES	PR0002527
PT0002284	4420 SPECIAL GENERATOR(B)	PR0002528
PT0011813	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001692
PT0011814	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001693
PT0011816	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001695
PT0011815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001694

Pat A. Dennen, Fire Chief/Fire Warden

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY
UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT.
THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

COUNTY OF SAN BERNARDINO
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

ATTN : PETER CHIU
CAL MAT/ DBA VULCAN MAT-ROCK & SAND
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

This Unified Permit is hereby issued to:
CAL MAT/ DBA VULCAN
MAT-ROCK & SAND
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0001676 for a period not to exceed one year from effective date.

Effective Date: 8/1/2006 **Expiration Date: 7/31/2007**

Permit Number	Program Element	Related ID
PT0011816	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001695
PT0011815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001694
PT0011814	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001693
PT0011813	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001692
PT0002284	4420 SPECIAL GENERATOR(B)	PR0002528
PT0002283	4223 HAZMAT HANDLER 26-50 EMPLOYEES	PR0002527

Peter R. Hills, Fire Chief/Fire Warden

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY
UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT.
THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

COUNTY OF SAN BERNARDINO
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

ATTN : PETER CHIU
CAL MAT/ DBA VULCAN MAT-ROCK & SAND
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

This Unified Permit is hereby issued to:
CAL MAT/ DBA VULCAN
MAT-ROCK & SAND
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0001676 for a period not to exceed one year from effective date.

Effective Date: 8/1/2005 **Expiration Date: 7/31/2006**

Permit Number	Program Element	Related ID
PT0002283	4223 HAZMAT HANDLER 26-50 EMPLOYEES	PR0002527
PT0002284	4420 SPECIAL GENERATOR(B)	PR0002528
PT0011813	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001692
PT0011814	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001693
PT0011815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001694
PT0011816	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0001695

Peter R. Hills

Peter R. Hills, Fire Chief/Fire Warden

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY
UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT.
THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

COUNTY OF SAN BERNARDINO
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

ATTN : PETER CHIU
CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051-9005

This Unified Permit is hereby issued to:
CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA
92405-0000

Permit is issued to Facility: FA0001676 for a period not to exceed one year from effective date.

Effective Date: 8/1/2003 Expiration Date: 7/31/2004

Permit Number	Program Element	Related ID
PT0011813	4104 UST Ownership/Operating Permit (per UST)	TA0001692
PT0011814	4104 UST Ownership/Operating Permit (per UST)	TA0001693
PT0011815	4104 UST Ownership/Operating Permit (per UST)	TA0001694
PT0011816	4104 UST Ownership/Operating Permit (per UST)	TA0001695
PT0002283	4223 Hazmat Handler 26-50 Employees	PR0002527
PT0002284	4420 Special Generator(B)	PR0002528

Peter R. Hills, Fire Chief/Fire Warden

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT. THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

COUNTY OF SAN BERNARDINO
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

ATTN : PETER CHIU
CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051-9005

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CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA
92405-0000

Permit is issued to Facility: FA0001676 for a period not to exceed one year from effective date.

Effective Date: 8/1/2002 **Expiration Date: 7/31/2003**

Permit Number	Program Element	Related ID
PT0011813	4104 UST Ownership/Operating Permit (per UST)	TA0001692
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PT0002283	4223 Hazmat Handler 26-50 Employees	PR0002527
PT0002284	4420 Special Generator(B)	PR0002528

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UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT.
THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

0002934
0015072

SAN BERNARDINO COUNTY CUPA
FACILITY INFORMATION

CLEAR VIOLATION

☐ Update/Assign PEs ☐ Update Non-CERS Fields ☐ Referral to Team CERS ☐ 0202 ☐ Closure ☐ Other ☐ Invoice Reversal ☐ 5054 Attached ☐ Demand Bill

OWNER INFORMATION — OWNER ID: OW0003269

NAME: **Calmat Co. dba Vulcan Materials Co.**

ADDRESS: **500 N. Brand Blvd. Suite 500** ADDRESS 2:

CITY: **Glendale, CA** STATE: **CA** ZIP CODE: **91203** COUNTRY: **US**

PHONE: **818-553-8938** EXT: FYI LAST UPDATED: **09/13/2017**

FACILITY INFORMATION — FACILITY ID: FA0001676

BUSINESS NAME: **VULCAN MATERIALS WEST DIVISION** CERS ID: **10036714**

SITE ADDRESS: **2400 W HIGHLAND AVE** ADDRESS 2:

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** FAX: **323-312-9960**

BUSINESS PHONE: **909-875-1150** EXT:

BUSINESS OPERATOR NAME: **Calmat Co. dba Vulcan Materials Co.**

OPERATOR PHONE: **909-875-1150** EXT: FYI LAST UPDATED: **03/09/2018**

FACILITY MAILING ADDRESS

MAILING ADDRESS: **2400 W HIGHLAND AVE** ADDRESS 2:

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** COUNTRY: **USA**

BILLING CONTACT — ACCOUNT ID: AR0001676

BILLING CONTACT NAME: **John Janke**

ADDRESS 1: **7220 Trade Street, Suite 200** ADDRESS 2:

CITY: **San Diego** STATE: **CA** ZIP CODE: **92121** COUNTRY: **US**

PHONE: **323-312-9960** EXT: EMAIL: **jankej@vmcmail.com**

ENVIRONMENTAL CONTACT

NAME: **John Janke** PHONE: **323-312-9960** EXT:

EMAIL: **jankej@vmcmail.com**

NON-CERS INFORMATION

FACILITY EMAIL (OPTIONAL): **STJOHNC@VMCMAIL.COM; SIBOLEF@VMCMAIL.COM**

LOCAL FACILITY PHONE (OPTIONAL): EXT:

CENSUS: MILITARY SCHOOL MEDICAL BUSINESS CODE: **CORPORATION** BUSINESS TYPE: **OTHER**

SUPERVISORIAL DISTRICT: **005** INSPECTION DISTRICT: **07** FIRE JURISDICTION: **SAN BDNO CITY FIRE**

FYI ACCOUNT STATUS: **ACTIVE ACCOUNT** FYI ANNIVERSARY DATE: **10/31/2002** FYI LAST BILLING: **09/15/2017**

FYI EXEMPT FROM BILLING: **NO** FYI TOTAL DUE: **0.00**

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

FOR OFFICE USE ONLY:

☐ EC Entry Complete	☐ QC Complete	☐ ☐ Fiscal Entry Complete (N/A)	☐ ☐ Referral to Team CERS (N/A)
Date Initials	Date Initials	Date Initials	Date Initials

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

5012-CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0020774 PERMIT NUMBER	ACTIVE PERMIT STATUS	4031-APSA 1,320-10,000 GAL FA ORIGINAL P.E.	11/01/2017 EFFECTIVE DATE	10/31/2018 EXPIRATION DATE
			PR0020026 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	 UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0002283 PERMIT NUMBER	ACTIVE PERMIT STATUS	4243-HAZARDOUS MATERIALS ORIGINAL P.E.	11/01/2017 EFFECTIVE DATE	10/31/2018 EXPIRATION DATE
			PR0002527 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	 UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0024806 PERMIT NUMBER	INACTIVE PERMIT STATUS	4270-EPCRA FACILITY ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
			PR0032845 GHP OR UST ID	INACTIVE, NON-BILLAB CURRENT STATUS(BILLING)	 UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0002284 PERMIT NUMBER	ACTIVE PERMIT STATUS	4454-LARGE QUANTITY GENER ORIGINAL P.E.	11/01/2017 EFFECTIVE DATE	10/31/2018 EXPIRATION DATE
			PR0002528 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	 UPDATED P.E.

Underground Storage Tank(s)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011813 PERMIT NUMBER	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2017 EFFECTIVE DATE	10/31/2018 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001692 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	 UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011814 PERMIT NUMBER	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2017 EFFECTIVE DATE	10/31/2018 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001693 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	 UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011815 PERMIT NUMBER	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2017 EFFECTIVE DATE	10/31/2018 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001694 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	 UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011816 PERMIT NUMBER	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2017 EFFECTIVE DATE	10/31/2018 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001695 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	 UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

☐ UPDATE
☐ INACTIVATE
☐ ZERO OUT BALANCE

*NEW CUPA Admin P.E.

NUMBER OF ACTIVE UST'S **4**

DATE SUBMITTED: _____ SUBMITTED BY: _____

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

FOR FISCAL USE ONLY: Fiscal comments / re s / instruction area (for use between OFM Fiscal an nin Fiscal)

☐ 5050 scanned and emailed to Fiscal Date Initials ☐ 5054 scanned and emailed to Fiscal Date Initials

OPEN VIOLATIONS:

FA0001676

INSPECTION DATE: **6/27/17** VIOLATION ID: **IVQW0GGOL** COMPLY BY: **07/27/2017**

INSPECTOR:**ADRIAN SAGUAN** COMPLIED ON: 2/5/18

VIOLATION: 4103034100-Owner/Operator shall complete and submit the required UST permit application.

COMMENTS:

TANK INFORMATION AS PART OF THE UST APPLICATION ON LINE IN THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) WAS DEFICIENT AS FOLLOWS:
-TANK #2 - MISSING TANK INSTALLATION DATE
-TANK #3 - MISSING TANK INSTALLATION DATE
-TANK #4 - MISSING TANK INSTALLATION DATE
*NOTE: ALL THREE TANKS IS A 3 COMPARTMENT TANK WHICH WILL HAVE THE SAME TANK INSTALLATION DATE.
UPDATE TANK INFORMATION ON LINE IN CERS ADDRESSING THE ABOVE DEFICIENCIES WITHIN 30 DAYS.

X Adrian Saguan

HAZARDOUS MATERIAL FIELD SERVICES
COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

☐ Quick Submit-Correct minor information without full verification.

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A Update CURRENT INVOICE MAILING CODE: A

O- OWNER INFORMATION — OWNER ID: OW0003269

Legal Owner

*NAME: CALMAT CO/DBA VULCAN MATERIALS, WESTERN DIVISION

*ADDRESS 1: 500 N BRAND BLVD STE 500 ADDRESS 2:

*CITY: GLENDALE *STATE: CA *ZIP CODE: 91203 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 02/13/2013

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: PAYMENT SVCS CENTER DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: 3200 SAN FERNANDO ROAD ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90065 COUNTRY: USA

F- FACILITY INFORMATION — FACILITY ID: FA0001676

*NAME: VULCAN MATERIALS WEST DIVISION #2 CERS ID: 10036714

*ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

*PHONE: 909-875-1150 EXT: ALT PHONE: 323-258-2777 EXT: 3251 FAX: 323-258-3289

CENSUS: MILITARY SCHOOL MEDICAL *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07 NUMBER OF EMP.: 29

FIRE JURISDICTION: SAN BDNO CITY FIRE SIC CODE: Construction Sand and Gravel

*BUSINESS CODE: CORPORATION *BUSINESS TYPE: OTHER FYI LAST UPDATED: 07/08/2013

FACILITY MAILING ADDRESS

☐ Same as Owner Mailing Address ☐ Same as Facility

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: FLOYD SIBOLE

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

*EMAIL: STJOHNC@VMCMAIL.COM; SIBOLEF@VMCMAIL.COM

☐ NO EMAIL (insert comment 3899 with "NO EMAIL-Inspector Name")

A- A/R INFORMATION — ACCOUNT ID: AR0001676

RESPONSIBLE PARTY: VULCAN MATERIALS WEST DIVISION #2 ☐ Same as Owner Mailing Address ☐ Same as Facility Mailing Address

CARE OF:

ADDRESS 1: 500 N. BRAND BLVD, STE 500 ADDRESS 2:

CITY: GLENDALE STATE: CA ZIP CODE: 91203 COUNTRY: USA

PHONE: EXT: ALT PHONE: EXT:

ALT PHONE 2: EXT: FYI EXEMPT FROM BILLING: NO FYI Last Billing: 09/15/2013

FYI ANNIVERSARY DATE: 10/31/2002 FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI TOTAL DUE: 0.00

ENVIRONMENTAL CONTACT NAME: CHARLES ST JOHN EMAIL: STJOHNC@VMCMAIL.COM

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected to complete all fields on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0020774 PERMIT NUMBER.	:TIVE PERMIT STATUS	4031-APSA 1,320-10,000 GAL ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
			PR0020026 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0002283 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4243-HAZARDOUS MATERIALS ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
			PR0002527 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0024806 PERMIT NUMBER.	INACTIVE PERMIT STATUS	4270-EPCRA FACILITY ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
			PR0032845 GHP OR UST ID	INACTIVE, NON-BILLAB CURRENT STATUS(BILLING)	UPDATED P.E.
☒ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0002284 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4453-SMALL QUANTITY GENER ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
			PR0002528 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	4454 UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0024512 PERMIT NUMBER.	ACTIVE PERMIT STATUS	5012-CUPA ANNUAL ADMIN PEF ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
			PR0032381 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.

Underground Storage Tank(s)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011813 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001692 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011814 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001693 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011815 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001694 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011816 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001695 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF ACTIVE UST'S 4

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes (No)

*Should this facility be inactivated upon verification that there is no balance due? Yes (No)

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes (No)

*Does this 5050 have attached documents? Yes (No)

ENTERED JUN 16 2014

*DATE SUBMITTED: 6/12/14 DATE ENTERED: FISCAL ENTRY DATE/ INITIAL:

*SUBMITTED BY: G.Z ENTERED BY: *Demand bill for updated PEs: Yes No

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

JS

QC ENTERED JUL 29 2014

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

Update SQG to LQG - This based on site inspection findings 6/10/2014.

Sara

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected to complete all fields on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

HAZARDOUS MATERIAL FIELD SERVICES
COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

☑ Quick Submit-Correct minor information without full verification.

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A Update

CURRENT INVOICE MAILING CODE: A

O- OWNER INFORMATION — OWNER ID: OW0003269

Legal Owner

*NAME: CALMAT CO/DBA VULCAN MATERIALS, WESTERN DIVISION

*ADDRESS 1: 500 N BRAND BLVD STE 500 ADDRESS 2:

*CITY: GLENDALE *STATE: CA *ZIP CODE: 91203 *COUNTRY: USA

*PHONE: ~~323-258-2777~~ 818-553-8800 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 02/13/2013

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: PAYMENT SVCS CENTER DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: ~~5200 SAN FERNANDO ROAD~~ 500 N Brand Blvd Ste 500 ADDRESS 2:

CITY: ~~LOS ANGELES~~ Glendale STATE: CA ZIP CODE: ~~90065~~ 91203 COUNTRY: USA

F- FACILITY INFORMATION — FACILITY ID: FA0001676

*NAME: VULCAN MATERIALS WEST DIVISION #2 CERS ID: 10036714

*ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

*PHONE: 909-875-1150 EXT: ALT PHONE: 323-258-2777 EXT: 3251 FAX: 323-258-3289

CENSUS: MILITARY SCHOOL MEDICAL *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07 NUMBER OF EMP.: 29

FIRE JURISDICTION: SAN BDNO CITY FIRE SIC CODE: Construction Sand and Gravel

*BUSINESS CODE: CORPORATION *BUSINESS TYPE: OTHER FYI LAST UPDATED: 07/08/2013

FACILITY MAILING ADDRESS

☐ Same as Owner Mailing Address ☐ Same as Facility

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: FLOYD SIBOLE

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

*EMAIL: STJOHNC@VMCMAIL.COM; SIBOLEF@VMCMAIL.COM

☐ NO EMAIL (insert comment 3899 with "NO EMAIL-Inspector Name")

A- A/R INFORMATION — ACCOUNT ID: AR0001676

RESPONSIBLE PARTY: VULCAN MATERIALS WEST DIVISION #2 ☐ Same as Owner Mailing Address ☐ Same as Facility Mailing Address

CARE OF:

ADDRESS 1: 500 N. BRAND BLVD, STE 500 ADDRESS 2:

CITY: GLENDALE STATE: CA ZIP CODE: 91203 COUNTRY: USA

PHONE: 818-553-8938 EXT: ALT PHONE: EXT:

ALT PHONE 2: EXT: FYI EXEMPT FROM BILLING: NO FYI Last Billing: 09/15/2013

FYI ANNIVERSARY DATE: 10/31/2002 FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI TOTAL DUE: 0.00

ENVIRONMENTAL CONTACT NAME: CHARLES ST JOHN EMAIL: STJOHNC@VMCMAIL.COM

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

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PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0020774 PERMIT NUMBER.	CTIVE PERMIT STATUS	4031-APSA 1,320-10,000 GA ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
			PR0020026 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0002283 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4243-HAZARDOUS MATERIALS ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
			PR0002527 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0024806 PERMIT NUMBER.	INACTIVE PERMIT STATUS	4270-EPCRA FACILITY ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
			PR0032845 GHP OR UST ID	INACTIVE, NON-BILLAB CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0002284 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4454-LARGE QUANTITY GENER ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
			PR0002528 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0024512 PERMIT NUMBER.	ACTIVE PERMIT STATUS	5012-CUPA ANNUAL ADMIN PEF ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
			PR0032381 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.

Underground Storage Tank(s)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011813 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001692 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011814 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001693 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011815 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001694 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011816 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2013 EFFECTIVE DATE	10/31/2014 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001695 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF ACTIVE UST'S 4

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes No

*Should this facility be inactivated upon verification that there is no balance due? Yes No

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes No

*Does this 5050 have attached documents? Yes No

ENTERED

*DATE SUBMITTED: 7-2-14 DATE ENTERED: JUL 03 2014 FISCAL ENTRY DATE/ INITIAL:

*SUBMITTED BY: Admin Sr ENTERED BY: [signature] ***Demand bill for updated PEs**: Yes No

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

ENTERED JGQ

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected to **complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

San rnardino County Fire Dep ment

UST FACILITY INFORMATION SHEET

FACILITY ID: FA0001676
CROSS REFERENCE: 86008958
VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

OWNER ID: OW0003269
CALMAT CO/DBA VULCAN MATERIALS, WESTERN DIVISION
3200 SAN FERNANDO ROAD
LOS ANGELES, CA 90065

Record ID	STATUS	EXPIRATION DATE	PROGRAM ELEMENT
PMT: PT0020774	ACTIVE	10/31/2014	4031 - APSA 1,320-10,000 GAL FAC CAPACITY
GHP: PR0020026	ACTIVE, BILLABLE		4031-APSA 1,320-10,000 GAL FAC CAPACITY
PMT: PT0011813	ACTIVE	10/31/2014	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD
TANK ID: TA0001692	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)
Tank Owner's ID: 2	Agency Tank #: 2	Manufactured by:JOOR	Capacity: 20,000 Date Installed:
# of Compartments: 1	Type of System: DOUBLE-WALL		Product Type: DIESEL
Type of Use: MOTOR VEHICLE FUELING	Chemical Form:		ELD (Tank Leak Detection):
Common Name of Substance: DIESEL			
Additional Description of Tank:			
Location Within Site:W			
PMT: PT0011814	ACTIVE	10/31/2014	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD
TANK ID: TA0001693	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)
Tank Owner's ID: 3	Agency Tank #: 3	Manufactured by:JOOR	Capacity: 4,500 Date Installed: 01/01/1987
# of Compartments: 3	Type of System: DOUBLE-WALL		Product Type: USED OIL
Type of Use: HAZARDOUS WASTE (INCLUDES USED	Chemical Form:		ELD (Tank Leak Detection):
Common Name of Substance: WASTE OIL			
Additional Description of Tank:			
Location Within Site:SE			
PMT: PT0011815	ACTIVE	10/31/2014	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD
TANK ID: TA0001694	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)
Tank Owner's ID: 4	Agency Tank #: 4	Manufactured by:JOOR	Capacity: 3,500 Date Installed: 01/01/1987
# of Compartments: 3	Type of System: DOUBLE-WALL		Product Type: OTHER
Type of Use: OTHER	Chemical Form:		ELD (Tank Leak Detection):
Common Name of Substance:			
Additional Description of Tank: NOT CURRENTLY USED			
Location Within Site:E CENTER COMPARTMENT PREVIOUSLY HELD NEW OIL			
PMT: PT0011816	ACTIVE	10/31/2014	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD
TANK ID: TA0001695	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)
Tank Owner's ID: 1	Agency Tank #: 1	Manufactured by:JOOR	Capacity: 12,000 Date Installed: 01/01/1987
# of Compartments: 3	Type of System: DOUBLE-WALL		Product Type: DIESEL
Type of Use: MOTOR VEHICLE FUELING	Chemical Form:		ELD (Tank Leak Detection):
Common Name of Substance: CLEAR DIESEL			
Additional Description of Tank:			
Location Within Site:NE			
PMT: PT0002283	ACTIVE	10/31/2014	4243 - HAZARDOUS MATERIALS 4-10 CHEMICALS
GHP: PR0002527	ACTIVE, BILLABLE		4243-HAZARDOUS MATERIALS 4-10 CHEMICALS
PMT: PT0024806	INACTIVE	10/31/2011	4270 - EPCRA FACILITY
GHP: PR0032845	INACTIVE, NON-BILLABLE		4270-EPCRA FACILITY
PMT: PT0002284	ACTIVE	10/31/2014	4454 - LARGE QUANTITY GENERATOR
GHP: PR0002528	ACTIVE, BILLABLE		4454-LARGE QUANTITY GENERATOR
PMT: PT0024512	ACTIVE	10/31/2014	5012 - CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2
GHP: PR0032381	ACTIVE, BILLABLE		5012-CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2

D.O. SUBMITTED DATE (D1 on Facility):03/07/2011

PLAN_SUBMITTED	RECORD_ID	ASSIGNED TO	STATUS	DATE_PLAN_APPROVED	DATE_PLAN_REJECTED
03/01/2012	SR0038681	JACOB KOOYMAN	REVIEWED	07/05/2013	

Type of System	Type of Use	Product Type
02-DOUBLE-WALL	1c-AVIATION FUELING	06-AVIATION GAS
01-SINGLE-WALL	03-CHEMICAL PRODUCT STORAGE	03-DIESEL
95-UNKNOWN	05-EMERGENCY GENERATOR FUEL	10-ETHANOL
	04-HAZARDOUS WASTE (INCLUDES USED OIL)	05-JET FUEL
	1b-MARINA FUELING	1c-MIDGRADE UNLEADED
	1a-MOTOR VEHICLE FUELING	09-OTHER
	99-OTHER	11-OTHER NON-PETROLEUM
	06-OTHER GENERATOR FUEL	08-PETROLEUM BLEND FUEL
	95-UNKNOWN	1b-PREMIUM UNLEADED
		1a-REGULAR UNLEADED
		07-USED OIL

HAZARDOUS MATERIAL FIELD SERVICES
COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

☐ Quick Submit-Correct minor information without full verification.

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A UPDATE CURRENT INVOICE MAILING CODE: A

O- OWNER INFORMATION — OWNER ID: OW0003269

Legal Owner

*NAME: CALMAT CO/DBA VULCAN MATERIALS, WESTERN DIVISION

*ADDRESS 1: 500 N BRAND BLVD STE 500 ADDRESS 2:

*CITY: GLENDALE *STATE: CA *ZIP CODE: 91203 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 02/13/2013

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: PAYMENT SVCS CENTER DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: 3200 SAN FERNANDO ROAD ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90065 COUNTRY: USA

F- FACILITY INFORMATION — FACILITY ID: FA0001676

*NAME: VULCAN MATERIALS WEST DIVISION #2 CERS ID: 10036714

*ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

*PHONE: 909-875-1150 EXT: ALT PHONE: 323-258-2777 EXT: 3251 FAX: 323-258-3289

CENSUS: MILITARY SCHOOL MEDICAL *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07 NUMBER OF EMP.: 29

FIRE JURISDICTION: SAN BDNO CITY FIRE SIC CODE: Construction Sand and Gravel

*BUSINESS CODE: CORPORATION *BUSINESS TYPE: OTHER FYI LAST UPDATED: 01/02/2013

FACILITY MAILING ADDRESS

☐ Same as Owner Mailing Address ☐ Same as Facility

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: ~~SCOTT BEVAN~~ FLOYD ~~FRANK~~ SIBOLE

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

*EMAIL: STJOHNC@VMCMAIL.COM; ~~BEVANS@VMCMAIL.COM~~ SIBOLEF@VMCMAIL.COM

☐ NO EMAIL (insert comment 3899 with "NO EMAIL-Inspector Name")

A- A/R INFORMATION — ACCOUNT ID: AR0001676

RESPONSIBLE PARTY: VULCAN MATERIALS WEST DIVISION #2 ☐ Same as Owner Mailing Address ☐ Same as Facility Mailing Address

CARE OF:

ADDRESS 1: 500 N. BRAND BLVD, STE 500 ADDRESS 2:

CITY: GLENDALE STATE: CA ZIP CODE: 91203 COUNTRY: USA

PHONE: EXT: ALT PHONE: EXT:

ALT PHONE 2: EXT: FYI EXEMPT FROM BILLING: NO FYI Last Billing: 09/17/2012

FYI ANNIVERSARY DATE: 10/31/2002 FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI TOTAL DUE: 0.00

ENVIRONMENTAL CONTACT NAME: ~~TONY VARISCO~~ CHARLES ST. JOHN EMAIL: STJOHNC@VMCMAIL.COM

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

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PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0020774	CTIVE	4031-APSA 1,320-10,000 GA	11/01/2012	10/31/2013
	GHP OR UST ID	CURRENT STATUS(BILLING)			UPDATED P.E.
	PR0020026	ACTIVE, BILLABLE			
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002283	ACTIVE	4223-HAZMAT HANDLER 26-50 E	11/01/2012	10/31/2013
	GHP OR UST ID	CURRENT STATUS(BILLING)			UPDATED P.E.
	PR0002527	ACTIVE, BILLABLE			
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0024512	ACTIVE	4270-EPCRA FACILITY	11/01/2012	10/31/2013
	GHP OR UST ID	CURRENT STATUS(BILLING)			UPDATED P.E.
	PR0032381	ACTIVE, BILLABLE			
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0024806	INACTIVE	4270-EPCRA FACILITY	11/01/2010	10/31/2011
	GHP OR UST ID	CURRENT STATUS(BILLING)			UPDATED P.E.
	PR0032845	INACTIVE, NON-BILLAB			
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002284	ACTIVE	4420-SPECIAL GENERATOR	11/01/2012	10/31/2013
	GHP OR UST ID	CURRENT STATUS(BILLING)			UPDATED P.E.
	PR0002528	ACTIVE, BILLABLE			

Underground Storage Tank(s)

	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011813	ACTIVE	4104-UST OWNERSHIP/OPERAT	11/01/2012	10/31/2013
PR0002529	ACTIVE, EXEMPT FROM BILLING	TA0001692	ACTIVE, BILLABLE		
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)	GHP OR UST ID	CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011814	ACTIVE	4104-UST OWNERSHIP/OPERAT	11/01/2012	10/31/2013
PR0002529	ACTIVE, EXEMPT FROM BILLING	TA0001693	ACTIVE, BILLABLE		
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)	GHP OR UST ID	CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011815	ACTIVE	4104-UST OWNERSHIP/OPERAT	11/01/2012	10/31/2013
PR0002529	ACTIVE, EXEMPT FROM BILLING	TA0001694	ACTIVE, BILLABLE		
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)	GHP OR UST ID	CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011816	ACTIVE	4104-UST OWNERSHIP/OPERAT	11/01/2012	10/31/2013
PR0002529	ACTIVE, EXEMPT FROM BILLING	TA0001695	ACTIVE, BILLABLE		
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)	GHP OR UST ID	CURRENT STATUS(BILLING)		UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF ACTIVE UST'S 4

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes No

*Should this facility be inactivated upon verification that there is no balance due? Yes No

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes No

*Does this 5050 have attached documents? Yes No

ENTERED
JUL 08 2013

*DATE SUBMITTED: _____ DATE ENTERED: _____ FISCAL ENTRY DATE/ INITIAL: _____

*SUBMITTED BY: _____ ENTERED BY: _____ ***Demand bill for updated PEs**: Yes No

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

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San Bernardino County Fire Department

UST FACILITY INFORMATION SHEET

FACILITY ID: FA0001676
CROSS REFERENCE: 86008958
VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

OWNER ID: OW0003269
CALMAT CO/DBA VULCAN MATERIALS, WESTERN DIVISION
3200 SAN FERNANDO ROAD
LOS ANGELES, CA 90065

Record ID	STATUS	EXPIRATION DATE	PROGRAM ELEMENT
PMT: PT0020774	ACTIVE	10/31/2013	4031 - APSA 1,320-10,000 GAL FAC CAPACITY
GHP: PR0020026	ACTIVE, BILLABLE		4031-APSA 1,320-10,000 GAL FAC CAPACITY
PMT: PT0011813	ACTIVE	10/31/2013	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD
TANK ID: TA0001692	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)
Tank Owner's ID: 2	Agency Tank #: 2	Manufactured by:JOOR	Capacity: 20,000 Date Installed:
# of Compartments: 1	Type of System: DOUBLE-WALL		Product Type: DIESEL
Type of Use: MOTOR VEHICLE FUELING	Chemical Form:		ELD (Tank Leak Detection):
Common Name of Substance: DIESEL			
Additional Description of Tank:			
Location Within Site:W			
PMT: PT0011814	ACTIVE	10/31/2013	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD
TANK ID: TA0001693	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)
Tank Owner's ID: 3	Agency Tank #: 3	Manufactured by:JOOR	Capacity: 4,500 Date Installed: 01/01/1987
# of Compartments: 3	Type of System: DOUBLE-WALL		Product Type: USED OIL
Type of Use: HAZARDOUS WASTE (INCLUDES USED	Chemical Form:		ELD (Tank Leak Detection):
Common Name of Substance: WASTE OIL			
Additional Description of Tank:			
Location Within Site:SE			
PMT: PT0011815	ACTIVE	10/31/2013	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD
TANK ID: TA0001694	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)
Tank Owner's ID: 4	Agency Tank #: 4	Manufactured by:JOOR	Capacity: 3,500 Date Installed: 01/01/1987
# of Compartments: 3	Type of System: DOUBLE-WALL		Product Type: OTHER
Type of Use: OTHER	Chemical Form:		ELD (Tank Leak Detection):
Common Name of Substance:			
Additional Description of Tank: NOT CURRENTLY USED			
Location Within Site:E CENTER COMPARTMENT PREVIOUSLY HELD NEW OIL			
PMT: PT0011816	ACTIVE	10/31/2013	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD
TANK ID: TA0001695	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)
Tank Owner's ID: 1	Agency Tank #: 1	Manufactured by:JOOR	Capacity: 12,000 Date Installed: 01/01/1987
# of Compartments: 3	Type of System: DOUBLE-WALL		Product Type: DIESEL
Type of Use: MOTOR VEHICLE FUELING	Chemical Form:		ELD (Tank Leak Detection):
Common Name of Substance: CLEAR DIESEL			
Additional Description of Tank:			
Location Within Site:NE			
PMT: PT0002283	ACTIVE	10/31/2013	4223 - HAZMAT HANDLER 26-50 EMPLOYEES
GHP: PR0002527	ACTIVE, BILLABLE		4223-HAZMAT HANDLER 26-50 EMPLOYEES
PMT: PT0024512	ACTIVE	10/31/2013	4270 - EPCRA FACILITY
GHP: PR0032381	ACTIVE, BILLABLE		4270-EPCRA FACILITY
PMT: PT0024806	INACTIVE	10/31/2011	4270 - EPCRA FACILITY
GHP: PR0032845	INACTIVE, NON-BILLABLE		4270-EPCRA FACILITY
PMT: PT0002284	ACTIVE	10/31/2013	4420 - SPECIAL GENERATOR
GHP: PR0002528	ACTIVE, BILLABLE		4420-SPECIAL GENERATOR

D.O. SUBMITTED DATE (D1 on Facility):03/07/2011

PLAN_SUBMITTED	RECORD_ID	ASSIGNED TO	STATUS	DATE_PLAN_APPROVED	DATE_PLAN_REJECTED
03/01/2012	SR0038681	JERRY WONG	NOT REVIEWED		

HAZARDOUS MATERIAL FIELD SERVICES
COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

File

☑ Quick Submit-Correct minor information without full verification.

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A Update CURRENT INVOICE MAILING CODE: A

O- OWNER INFORMATION — OWNER ID: OW0003269

Legal Owner

*NAME: CALMAT CO/DBA VULCAN MATERIALS, WESTERN DIVISION

*ADDRESS 1: ~~3200 SAN FERNANDO RD~~ 500 N. Brand Blvd. ADDRESS 2: Ste 500

*CITY: ~~LOS ANGELES~~ Glendale *STATE: CA *ZIP CODE: ~~90065~~ 91203 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 01/03/2012

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: PAYMENT SVCS CENTER DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: 3200 SAN FERNANDO ROAD ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90065 COUNTRY: USA

F- FACILITY INFORMATION — FACILITY ID: FA0001676

*NAME: VULCAN MATERIALS WEST DIVISION #2 CERS ID: 10036714

*ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

*PHONE: 909-875-1150 EXT: ALT PHONE: 323-258-2777 EXT: 3251 FAX: 323-258-3289

CENSUS: MILITARY SCHOOL MEDICAL *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07 NUMBER OF EMP.: 29

FIRE JURISDICTION: SAN BDNO CITY FIRE SIC CODE: Construction Sand and Gravel

*BUSINESS CODE: CORPORATION *BUSINESS TYPE: OTHER FYI LAST UPDATED: 03/22/2012

FACILITY MAILING ADDRESS

☐ Same as Owner Mailing Address ☐ Same as Facility

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: SCOTT BEVAN

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

*EMAIL: STJOHNC@VMCMAIL.COM; BEVANS@VMCMAIL.COM

☐ NO EMAIL (insert comment 3899 with "NO EMAIL-Inspector Name")

A- A/R INFORMATION — ACCOUNT ID: AR0001676

RESPONSIBLE PARTY: VULCAN MATERIALS WEST DIVISION #2 ☐ Same as Owner Mailing Address ☐ Same as Facility Mailing Address

CARE OF:

ADDRESS 1: 500 N. BRAND BLVD, STE 500 ADDRESS 2:

CITY: GLENDALE STATE: CA ZIP CODE: 91203 COUNTRY: USA

PHONE: EXT: ALT PHONE: EXT:

ALT PHONE 2: EXT: FYI EXEMPT FROM BILLING: NO FYI Last Billing: 09/17/2012

FYI ANNIVERSARY DATE: 10/31/2002 FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI TOTAL DUE: 0.00

ENVIRONMENTAL CONTACT NAME: TONY VARISCO EMAIL:

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0020774 PERMIT NUMBER.	CTIVE PERMIT STATUS	4031-APSA 1,320-10,000 GAI ORIGINAL P.E.	11/01/2012 EFFECTIVE DATE	10/31/2013 EXPIRATION DATE
	PR0020026 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)			UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002283 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4223-HAZMAT HANDLER 26-50 E ORIGINAL P.E.	11/01/2012 EFFECTIVE DATE	10/31/2013 EXPIRATION DATE
	PR0002527 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)			UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0024512 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4270-EPCRA FACILITY ORIGINAL P.E.	11/01/2012 EFFECTIVE DATE	10/31/2013 EXPIRATION DATE
	PR0032381 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)			UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0024806 PERMIT NUMBER.	INACTIVE PERMIT STATUS	4270-EPCRA FACILITY ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
	PR0032845 GHP OR UST ID	INACTIVE, NON-BILLAB CURRENT STATUS(BILLING)			UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002284 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4420-SPECIAL GENERATOR ORIGINAL P.E.	11/01/2012 EFFECTIVE DATE	10/31/2013 EXPIRATION DATE
	PR0002528 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)			UPDATED P.E.

Underground Storage Tank(s)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011813 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2012 EFFECTIVE DATE	10/31/2013 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)	TA0001692 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011814 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2012 EFFECTIVE DATE	10/31/2013 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)	TA0001693 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011815 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2012 EFFECTIVE DATE	10/31/2013 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)	TA0001694 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011816 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2012 EFFECTIVE DATE	10/31/2013 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)	TA0001695 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF ACTIVE UST'S 4

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes No

*Should this facility be inactivated upon verification that there is no balance due? Yes No

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes No

*Does this 5050 have attached documents? Yes No

*DATE SUBMITTED: _____ DATE ENTERED: 1/2/13 FISCAL ENTRY DATE/ INITIAL: _____

*SUBMITTED BY: _____ ENTERED BY: _____ ***Demand bill for updated PEs**: Yes No

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

OPEN VIOLATIONS: FA0001676

INSPECTION DATE: **12/26/12** VIOLATION ID: **IVJBZY0CT** COMPLY BY: **01/25/2013**

INSPECTOR:**ADRIAN SAGUAN** COMPLIED ON: _____

VIOLATION: 4103124100-Owner/Operator shall submit a signed Designated UST Operator Statement that is current within 30 days of any change in the Designated UST Operator.

COMMENTS: Signed UST Designated Operator Statement not available on site for review at the time of inspection.

INSPECTION DATE: **12/26/12** VIOLATION ID: **IVV623OKI** COMPLY BY: **01/25/2013**

INSPECTOR:**ADRIAN SAGUAN** COMPLIED ON: _____

VIOLATION: 4103074100-Owner/Operator of a UST system shall maintain evidence of financial responsibility for releases from the UST system.

COMMENTS: Evidence of financial responsibility for UST system not available for review at the time of inspection.

INSPECTION DATE: **12/26/12** VIOLATION ID: **IVYLOWKPT** COMPLY BY: **01/25/2013**

INSPECTOR:**ADRIAN SAGUAN** COMPLIED ON: _____

VIOLATION: 4103034100-Owner/Operator shall complete and submit the required UST permit application.

COMMENTS: UST Permit Application on site is not on current forms. Update UST Permit Application on current forms and submit a copy to this Department within 30 days.

Vulcan
Materials Company
WEST REGION

RECEIVED
NOV 05 2012
S.B. CO. FIRE DEPT.

Nov. 1, 2012 Certified Mail Return Receipt Requested

San Bernardino County Fire Department
Hazardous Materials Division
620 South E Street
San Bernardino, CA 92415-0153

Dear Sir or Madam:

Please be advised that as of May 7, 2012, our office was physically relocated to 500 North Brand Blvd., Suite 500, Glendale, CA 91203. Please send correspondence invoices, and permits for the following facilities to the above address.

FA 007904	2350 W. Highland Ave. San Bernardino
FA 001676	2400 W. Highland Ave. San Bernardino
FA 0010129	19401 N. Cajon Blvd. San Bernardino
FA 007169	20161 National Trails Highway, Oro Grande
FA 0003937	4711 Huntington Dr., Montclair

Please contact me at (818) 553-8938 or email at stjohnc@vmcmail.com if you have any questions.

Respectfully,

Charles St. John
Los Angeles Region Environmental Mgr.

500 North Brand Boulevard, Suite 500
Glendale, CA 91203
818-553-8800

HAZARDOUS MATERIAL FIELD SERVICES
COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

Fiscal

Quick Submit-Correct minor information without full verification.

INACTIVATE PE A270

RDC

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A

CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION — OWNER ID: OW0003269

Legal Owner

*NAME: CALMAT CO/DBA VULCAN MATERIALS, WESTERN DIVISION

*ADDRESS 1: 3200 SAN FERNANDO RD ADDRESS 2:

*CITY: LOS ANGELES *STATE: CA *ZIP CODE: 90065 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 01/03/2012

OWNER MAILING ADDRESS

Same as Owner

CARE OF: PAYMENT SVCS CENTER DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: 3200 SAN FERNANDO ROAD ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90065 COUNTRY: USA

F- FACILITY INFORMATION — FACILITY ID: FA0001676

*NAME: VULCAN MATERIALS WEST DIVISION #2 CERS ID: 10036714

*ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

*PHONE: 909-875-1150 EXT: ALT PHONE: 323-258-2777 EXT: 3251 FAX: 323-258-3289

CENSUS: MILITARY SCHOOL MEDICAL *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07 NUMBER OF EMP.: 29

FIRE JURISDICTION: SAN BDNO CITY FIRE SIC CODE: Construction Sand and Gravel

*BUSINESS CODE: CORPORATION *BUSINESS TYPE: OTHER FYI LAST UPDATED: 10/21/2011

FACILITY MAILING ADDRESS

Same as Facility

Same as Owner Mailing Address

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: SCOTT BEVAN

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

*EMAIL: STJOHNC@VMCMAIL.COM; BEVANS@VMCMAIL.COM NO EMAIL (insert comment 3899 with "NO EMAIL-Inspector Name)

A- A/R INFORMATION — ACCOUNT ID: AR0001676

RESPONSIBLE PARTY: VULCAN MATERIALS WEST DIVISION #2

Same as Owner Mailing Address Same as Facility Mailing Address

CARE OF: MATT BRANSTETTER

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

PHONE: EXT: ALT PHONE: EXT:

ALT PHONE 2: EXT: FYI EXEMPT FROM BILLING: NO FYI Last Billing: 11/08/2011

FYI ANNIVERSARY DATE: 10/31/2002 FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI TOTAL DUE: 0.00

ENVIRONMENTAL CONTACT NAME: TONY VARISCO EMAIL:

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency

Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected to **complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

PERMIT INFORMATION (CIRCLE THOSE T APPLY)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0020774 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4031-APSA 1,320-10,000 G/ ORIGINAL P.E.	11/01/2011 EFFECTIVE DATE	10/31/2012 EXPIRATION DATE
		PR0020026 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002283 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4223-HAZMAT HANDLER 26-50 E ORIGINAL P.E.	11/01/2011 EFFECTIVE DATE	10/31/2012 EXPIRATION DATE
		PR0002527 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0024512 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4270-EPCRA FACILITY ORIGINAL P.E.	11/01/2011 EFFECTIVE DATE	10/31/2012 EXPIRATION DATE
		PR0032381 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☒INACTIVATE ☐ZERO OUT BALANCE	PT0024806 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4270-EPCRA FACILITY ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
		PR0032845 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002284 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4420-SPECIAL GENERATOR ORIGINAL P.E.	11/01/2011 EFFECTIVE DATE	10/31/2012 EXPIRATION DATE
		PR0002528 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.

Underground Storage Tank(s)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011813 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2011 EFFECTIVE DATE	10/31/2012 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)	TA0001692 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011814 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2011 EFFECTIVE DATE	10/31/2012 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)	TA0001693 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011815 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2011 EFFECTIVE DATE	10/31/2012 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)	TA0001694 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011816 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2011 EFFECTIVE DATE	10/31/2012 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)	TA0001695 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF ACTIVE UST'S 4

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes (No)

*Should this facility be inactivated upon verification that there is no balance due? Yes (No)

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes (No)

*Does this 5050 have attached documents? Yes (No)

ENTERED JAN 27 2012

*DATE SUBMITTED: 1-19-12 DATE ENTERED: FISCAL ENTRY DATE/ INITIAL:

*SUBMITTED BY: M. BECHEL ENTERED BY: DW ***Demand bill for updated PEs**: Yes No

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

INACTIVE Duplicate PE 4270

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

HAZARDOUS MATERIAL FIELD SERVICES
COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

Demand Bill

☐ Quick Submit-Correct minor information without full verification.

UPDATE

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A 74242 +8030

CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION

OWNER ID: OW0003269

Legal Owner

*NAME: ~~VULCAN MATERIALS~~ CALMAT CO. / DBA VULCAN MATERIALS, WESTERN DIVISION

*ADDRESS 1: PO BOX 380607 RD ADDRESS 2:

*CITY: BIRMINGHAM *STATE: AL *ZIP CODE: 35238-0607 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 01/31/2011

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: PAYMENT SVCS CENTER DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: PO BOX 380607 RD ADDRESS 2:

CITY: BIRMINGHAM STATE: AL ZIP CODE: 35238-0607 COUNTRY: USA

F- FACILITY INFORMATION

FACILITY ID: FA0001676

*NAME: VULCAN MATERIALS WEST DIVISION #2 CERS ID: 10036714

*ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

*PHONE: 909-875-1150 EXT: ALT PHONE: 323-258-2777 EXT: 3251 FAX: 323-258-3289

CENSUS: MILITARY SCHOOL MEDICAL *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07 NUMBER OF EMP.: 12-29

FIRE JURISDICTION: SAN BDNO CITY FIRE SIC CODE: Construction Sand and Gravel

*BUSINESS CODE: 01 *BUSINESS TYPE: 06 FYI LAST UPDATED: 04/20/2011

FACILITY MAILING ADDRESS

☐ Same as Facility

☐ Same as Owner Mailing Address

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: MATT BRANSTETTER

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

*EMAIL: STJOHNC@VMCMAIL.COM; BEVANS@VMCMAIL.COM ☐ NO EMAIL (insert comment 3899 with "NO EMAIL-Inspector Name)

A- A/R INFORMATION

ACCOUNT ID: AR0001676

☐ Same as Owner Mailing Address ☒ Same as Facility Mailing Address

RESPONSIBLE PARTY:

CARE OF:

ADDRESS 1: ADDRESS 2:

CITY: STATE: ZIP CODE: COUNTRY:

PHONE: EXT: ALT PHONE: EXT:

ALT PHONE 2: EXT: FYI EXEMPT FROM BILLING: NO FYI LAST UPDATED: 06/06/2011

FYI ANNIVERSARY DATE: 10/31/2002 FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI TOTAL DUE: 0.00

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

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PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0020774 PERMIT NUMBER.	CTIVE PERMIT STATUS	4031-APSA 1,320-10,000 GA ORIGINAL P.E.	11/01/2009 EFFECTIVE DATE	10/31/2010 EXPIRATION DATE
			PR0020026 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002283 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4223-HAZMAT HANDLER 26-50 E ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
			PR0002527 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002284 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4420-SPECIAL GENERATOR(B) ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
			PR0002528 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.

Underground Storage Tank(s)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011813 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001692 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011814 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001693 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011815 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001694 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011816 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001695 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.

ADD NEW P.E.:

4270 NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF ACTIVE UST'S **4**

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes (No)

*Should this facility be inactivated upon verification that there is no balance due? Yes (No)

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes (No)

*Does this 5050 have attached documents? Yes (No)

*DATE SUBMITTED: 10/20/11 DATE ENTERED: 10/21/11 FISCAL ENTRY DATE/ INITIAL:

*SUBMITTED BY: J. Kong ENTERED BY: YJ *Demand bill for updated PEs: (Yes) No

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

PER INSPECTION;

- FACILITY MAINTAINS GREATER THAN 10,000-POUNDS OF NON-RETAIL FUEL.
- DEMAND BILL FOR EFCRA P.E.

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

San Bernardino County Fire Department

UST FACILITY INFORMATION SHEET

FACILITY ID: FA0001676
CROSS REFERENCE: 86008958
VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

OWNER ID: OW0003269
VULCAN MATERIALS
PO BOX 380607 RD
BIRMINGHAM, AL 35238

Record ID	STATUS	EXPIRATION DATE	PROGRAM ELEMENT
PMT: PT0020774	ACTIVE	10/31/2010	4031 - APSA 1,320-10,000 GAL FAC CAPACITY
GHP: PR0020026	ACTIVE, BILLABLE		4031-APSA 1,320-10,000 GAL FAC CAPACITY
PMT: PT0011813	ACTIVE	10/31/2011	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD(PH)
TANK ID: TA0001692	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)

Tank Owner's ID: 2 Agency Tank #: 2 Manufactured by:JOOR Capacity: 20,000 Date Installed:
# of Compartments: 1 Type of System: DOUBLE WALLED Product Type: DIESEL
Type of Use: MOTOR VEHICLE FUEL Chemical Form: ELD (Tank Leak Detection):
Common Name of Substance: DIESEL
Additional Description of Tank:
Location Within Site:W

PMT: PT0011814	ACTIVE	10/31/2011	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD(PH)
TANK ID: TA0001693	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)

Tank Owner's ID: 3 Agency Tank #: 3 Manufactured by:JOOR Capacity: 4,500 Date Installed: 01/01/1987
# of Compartments: 3 Type of System: DOUBLE WALLED Product Type: USED OIL
Type of Use: HAZ. WASTE(USED OIL) Chemical Form: ELD (Tank Leak Detection):
Common Name of Substance: WASTE OIL
Additional Description of Tank:
Location Within Site:SE

PMT: PT0011815	ACTIVE	10/31/2011	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD(PH)
TANK ID: TA0001694	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)

Tank Owner's ID: 4 Agency Tank #: 4 Manufactured by:JOOR Capacity: 3,500 Date Installed: 01/01/1987
# of Compartments: 3 Type of System: DOUBLE WALLED Product Type: OTHER PETROLEUM
Type of Use: NON-FUEL PETROLEUM Chemical Form: ELD (Tank Leak Detection):
Common Name of Substance:
Additional Description of Tank: NOT CURRENTLY USED
Location Within Site:E CENTER COMPARTMENT PREVIOUSLY HELD NEW OIL

PMT: PT0011816	ACTIVE	10/31/2011	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD(PH)
TANK ID: TA0001695	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)

Tank Owner's ID: 1 Agency Tank #: 1 Manufactured by:JOOR Capacity: 12,000 Date Installed: 01/01/1987
# of Compartments: 3 Type of System: DW Product Type: DIESEL
Type of Use: MOTOR VEHICLE FUEL Chemical Form: ELD (Tank Leak Detection):
Common Name of Substance: CLEAR DIESEL
Additional Description of Tank:
Location Within Site:NE

PMT: PT0002283	ACTIVE	10/31/2011	4223 - HAZMAT HANDLER 26-50 EMPLOYEES
GHP: PR0002527	ACTIVE, BILLABLE		4223-HAZMAT HANDLER 26-50 EMPLOYEES
PMT: PT0002284	ACTIVE	10/31/2011	4420 - SPECIAL GENERATOR(B)
GHP: PR0002528	ACTIVE, BILLABLE		4420-SPECIAL GENERATOR(B)

D.O. SUBMITTED DATE (D1 on Facility):03/07/2011

PLAN_SUBMITTED	RECORD_ID	ASSIGNED TO	STATUS	DATE_PLAN_APPROVED	DATE_PLAN_REJECTED
03/10/2011	SR0030985	FIRAS TAHER	NOT REVIEWED		

Type of System

02-DOUBLE WALLED
01-SINGLE WALLED
95-UNKNOWN

Type of Use

1c-AVIATION FUELING
03-CHEMICAL PRODUCT
05-EMERGENCY GEN. FUEL
04-HAZ. WASTE(USED OIL)
1b-MARINA FUELING
1a-MOTOR VEHICLE FUEL
02-NON-FUEL PETROLEUM
99-OTHER
06-OTHER GENERATOR
95-UNKNOWN

Product Type

06-AVIATION GAS
06A-AVIATION GAS
03-DIESEL
03A-DIESEL
10-ETHANOL
10A-ETHANOL
04-GASOHOL
05-JET FUEL
05A-JET FUEL
02-LEADED
01C-MIDGRADE UNLEADED
1c-MIDGRADE UNLEADED
99-OTHER
11-OTHER NON-PETROLEUM
09-OTHER PETROLEUM
08A-PETROLEUM BLEND
08-PETROLEUM BLEND FUEL
01B-PREMIUM UNLEADED
1b-PREMIUM UNLEADED
01A-REGULAR UNLEADED
1a-REGULAR UNLEADED
95-UNKNOWN
07-USED OIL
07A-USED OIL

File

HAZ DOUS MATERIAL FIELD SERV ES
COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

☐ Quick Submit-Correct minor information without full verification.

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION — OWNER ID: OW0003269

Legal Owner

*NAME: VULCAN MATERIALS

*ADDRESS 1: PO BOX 380607 RD ADDRESS 2:

*CITY: BIRMINGHAM *STATE: AL *ZIP CODE: 35238-0607 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 01/31/2011

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: PAYMENT SVCS CENTER DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: PO BOX 380607 RD ADDRESS 2:

CITY: BIRMINGHAM STATE: AL ZIP CODE: 35238-0607 COUNTRY: USA

F- FACILITY INFORMATION — FACILITY ID: FA0001676

*NAME: VULCAN MATERIALS WEST DIVISION #2

*ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

*PHONE: 909-875-1150 EXT: ALT PHONE: 323-258-2777 EXT: 3251 FAX: 323-258-3289

CENSUS: MILITARY SCHOOL MEDICAL *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07 NUMBER OF EMP.: 12

FIRE JURISDICTION: SAN BDNO CITY FIRE SIC CODE: Construction Sand and Gravel

*BUSINESS CODE: *BUSINESS TYPE: FYI LAST UPDATED: 03/18/2011

FACILITY MAILING ADDRESS

☐ Same as Facility

☐ Same as Owner Mailing Address

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: MATT BRANSTETTER

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

*EMAIL: STJOHNC@VMCMAIL.COM Bevans@vmcmail.com ☐ NO EMAIL (insert comment 3899 with "NO EMAIL-Inspector Name)

A- A/R INFORMATION — ACCOUNT ID: AR0001676

☐ Same as Owner Mailing Address ☐ Same as Facility Mailing Address

RESPONSIBLE PARTY:

CARE OF:

ADDRESS 1: ADDRESS 2:

CITY: STATE: ZIP CODE: COUNTRY:

PHONE: EXT: ALT PHONE: EXT:

ALT PHONE 2: EXT: FYI EXEMPT FROM BILLING: NO FYI LAST UPDATED: 04/06/2011

FYI ANNIVERSARY DATE: 07/31/2002 FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI TOTAL DUE: 0.00

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0020774	CTIVE	4031-APSA 1,320-10,000 GA	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
			PR0020026	ACTIVE, BILLABLE	
			GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002283	ACTIVE	4223-HAZMAT HANDLER 26-50 E	08/01/2010	07/31/2011
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
			PR0002527	ACTIVE, BILLABLE	
			GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002284	ACTIVE	4420-SPECIAL GENERATOR(B)	08/01/2010	07/31/2011
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
			PR0002528	ACTIVE, BILLABLE	
			GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.

Underground Storage Tank(s)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011813	ACTIVE	4104-UST OWNERSHIP/OPERAT	08/01/2010	07/31/2011
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002529	ACTIVE, EXEMPT FROM BILLING		TA0001692	ACTIVE, BILLABLE	
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011814	ACTIVE	4104-UST OWNERSHIP/OPERAT	08/01/2010	07/31/2011
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002529	ACTIVE, EXEMPT FROM BILLING		TA0001693	ACTIVE, BILLABLE	
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011815	ACTIVE	4104-UST OWNERSHIP/OPERAT	08/01/2010	07/31/2011
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002529	ACTIVE, EXEMPT FROM BILLING		TA0001694	ACTIVE, BILLABLE	
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011816	ACTIVE	4104-UST OWNERSHIP/OPERAT	08/01/2010	07/31/2011
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002529	ACTIVE, EXEMPT FROM BILLING		TA0001695	ACTIVE, BILLABLE	
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.

ADD NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF ACTIVE UST'S 4

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes (No)

*Should this facility be inactivated upon verification that there is no balance due? Yes (No)

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes (No)

*Does this 5050 have attached documents? Yes (No)

ENTERED
APR 20 2011

*DATE SUBMITTED: 4-18-11 DATE ENTERED: _____ FISCAL ENTRY DATE/ INITIAL: _____

*SUBMITTED BY: Monica Roncletti ENTERED BY: _____ ***Demand bill for updated PEs**: Yes (No)

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

Add APSA Contact email Bevans@vmcmail.com

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected to complete all fields on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

HAZARDOUS MATERIAL FIELD SERVICES
COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

☐ Quick Submit-Correct minor information without full verification.

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION — OWNER ID: OW0003269

Legal Owner

*NAME: VULCAN MATERIALS

*ADDRESS 1: 3200 SAN FERNANDO RD ADDRESS 2:

*CITY: LOS ANGELES *STATE: CA *ZIP CODE: 90065 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 06/10/2010

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: JOHN JANKE DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: P O BOX 2950 ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90051-9005 COUNTRY: USA

F- FACILITY INFORMATION — FACILITY ID: FA0001676

*NAME: VULCAN MATERIALS WEST DIVISION #2

*ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

*PHONE: 909-875-1150 EXT: ALT PHONE: 323-258-2777 EXT: 3251

FAX: 323-258-3289 CENSUS: MILITARY SCHOOL MEDICAL *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07

FIRE JURISDICTION: SAN BDNO CITY FIRE SIC CODE: Construction Sand and Gravel

*BUSINESS CODE: *BUSINESS TYPE: FYI LAST UPDATED: 03/31/2010

FACILITY MAILING ADDRESS

☐ Same as Facility ☐ Same as Owner Mailing Address

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: MATT BRANSTETTER

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

EMAIL: STJOHNC@VMCMAIL.COM

A- A/R INFORMATION — ACCOUNT ID: AR0001676

RESPONSIBLE PARTY: ☐ Same as Owner Mailing Address ☐ Same as Facility Mailing Address

CARE OF:

ADDRESS 1: ADDRESS 2:

CITY: STATE: ZIP CODE: COUNTRY:

PHONE: EXT: ALT PHONE: EXT:

ALT PHONE 2: EXT: FYI EXEMPT FROM BILLING: NO FYI LAST UPDATED: 06/17/2010

FYI ANNIVERSARY DATE: 07/31/2002 FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI TOTAL DUE: 3,772.00

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

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PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0020774	CTIVE	4031-APSA 1,320-10,000 GA	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
			PR0020026	ACTIVE, BILLABLE	
			GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002283	ACTIVE	4223-HAZMAT HANDLER 26-50 E	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
			PR0002527	ACTIVE, BILLABLE	
			GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002284	ACTIVE	4420-SPECIAL GENERATOR(B)	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
			PR0002528	ACTIVE, BILLABLE	
			GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.

Underground Storage Tank(s)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011813	ACTIVE	4104-UST OWNERSHIP/OPERAT	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002529	ACTIVE, EXEMPT FROM BILLING		TA0001692	ACTIVE, BILLABLE	
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011814	ACTIVE	4104-UST OWNERSHIP/OPERAT	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002529	ACTIVE, EXEMPT FROM BILLING		TA0001693	ACTIVE, BILLABLE	
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011815	ACTIVE	4104-UST OWNERSHIP/OPERAT	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002529	ACTIVE, EXEMPT FROM BILLING		TA0001694	ACTIVE, BILLABLE	
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011816	ACTIVE	4104-UST OWNERSHIP/OPERAT	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002529	ACTIVE, EXEMPT FROM BILLING		TA0001695	ACTIVE, BILLABLE	
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF EMP.: 12 NUMBER OF ACTIVE UST'S 4 MFR # _____

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes No

*Should this facility be inactivated upon verification that there is no balance due? Yes No

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes No

*Does this 5050 have attached documents? Yes No

*DATE SUBMITTED: 7/9/11 DATE ENTERED: 9/24/10 FISCAL ENTRY DATE/ INITIAL: _____

*SUBMITTED BY: Monica ENTERED BY: YFara ***Demand bill for updated PEs**: Yes No

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

Uptake tank info & violations.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

OPEN VIOLATIONS: FA0001676

INSPECTION DATE: **6/25/09**	VIOLATION ID: **IV0041276**	COMPLY BY: **07/25/2009**
INSPECTOR:**CATHERINE RICHARDS**		COMPLIED ON:
VIOLATION: 4103124100-Failure to submit Designated Operator statement		
INSPECTION DATE: **6/25/09**	VIOLATION ID: **IV0041277**	COMPLY BY: **07/25/2009**
INSPECTOR:**CATHERINE RICHARDS**		COMPLIED ON:
VIOLATION: 4103054100-Prior UST violations not corrected within 30 days		
INSPECTION DATE: **6/25/09**	VIOLATION ID: **IV0041278**	COMPLY BY: **07/25/2009**
INSPECTOR:**CATHERINE RICHARDS**		COMPLIED ON:
VIOLATION: 4103284100-Secondary containment components not tested		
INSPECTION DATE: **6/25/09**	VIOLATION ID: **IV0041279**	COMPLY BY: **07/25/2009**
INSPECTOR:**CATHERINE RICHARDS**		COMPLIED ON:
VIOLATION: 4103294100-UST system does not meet design, construction, and monitoring requirements		
INSPECTION DATE: **7/9/09**	VIOLATION ID: **IV0044717**	COMPLY BY: **07/19/2009**
INSPECTOR:**GREG BEACH**		COMPLIED ON:
VIOLATION: 4103244100-Line leak detector(s) not installed or functioning		
INSPECTION DATE: **7/9/09**	VIOLATION ID: **IV0044718**	COMPLY BY: **08/08/2009**
INSPECTOR:**GREG BEACH**		COMPLIED ON:
VIOLATION: 4203114200-Failure to submit/update the Business Plan		

7/19/11

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected to **complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

San _ _rnardino County Fire Dep..ment

UST FACILITY INFORMATION SHEET

FACILITY ID: FA0001676
CROSS REFERENCE: 86008958
VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

OWNER ID: OW0003269
VULCAN MATERIALS
P O BOX 2950
LOS ANGELES, CA 90051

Record ID	STATUS	EXPIRATION DATE	PROGRAM ELEMENT
PMT: PT0020774	ACTIVE	07/31/2010	4031 - APSA 1,320-10,000 GAL FAC CAPACITY
GHP: PR0020026	ACTIVE, BILLABLE		4031-APSA 1,320-10,000 GAL FAC CAPACITY
PMT: PT0011813	ACTIVE	07/31/2010	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD(PH)
TANK ID: TA0001692	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)

Tank Owner's ID: Agency Tank #: Manufactured by: Joor Capacity: ~~10,000~~ Date Installed:
# of Compartments: Type of System: 02 Product Type: 3
Type of Use: 1a Chemical Form: ELD (Tank Leak Detection):
Common Name of Substance: ~~G~~ Diesel
Additional Description of Tank:
Location Within Site: W

PMT: PT0011814	ACTIVE	07/31/2010	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD(PH)
TANK ID: TA0001693	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)

Tank Owner's ID: Agency Tank #: Manufactured by: Joor Capacity: 1 Date Installed: 1987
# of Compartments: 3 Type of System: 02 Product Type: 7 4500-gal
Type of Use: 04 Chemical Form: ELD (Tank Leak Detection):
Common Name of Substance: waste oil ~~Red Dye~~ L
Additional Description of Tank:
Location Within Site: SE

PMT: PT0011815	ACTIVE	07/31/2010	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD(PH)
TANK ID: TA0001694	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)

Tank Owner's ID: Agency Tank #: Manufactured by: Joor Capacity: 1 Date Installed: 1987
# of Compartments: 3 Type of System: 02 Product Type: 09 3500-gal
Type of Use: ~~02~~ Chemical Form: ELD (Tank Leak Detection):
Common Name of Substance:
Additional Description of Tank:
Location Within Site: E Center Compartment previously held new oil

PMT: PT0011816	ACTIVE	07/31/2010	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD(PH)
TANK ID: TA0001695	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)

Tank Owner's ID: Agency Tank #: Manufactured by: Joor Capacity: 1 Date Installed: 1987
# of Compartments: 3 Type of System: ~~Pressure~~ 02 Product Type: 3 12000
Type of Use: 1a Chemical Form: ELD (Tank Leak Detection):
Common Name of Substance: Clear Diesel
Additional Description of Tank:
Location Within Site: NE

PMT: PT0002283	ACTIVE	07/31/2010	4223 - HAZMAT HANDLER 26-50 EMPLOYEES
GHP: PR0002527	ACTIVE, BILLABLE		4223-HAZMAT HANDLER 26-50 EMPLOYEES
PMT: PT0002284	ACTIVE	07/31/2010	4420 - SPECIAL GENERATOR(B)
GHP: PR0002528	ACTIVE, BILLABLE		4420-SPECIAL GENERATOR(B)

D.O. SUBMITTED DATE (D1 on Facility):01/03/2005

PLAN SUBMITTED	RECORD ID	ASSIGNED TO	STATUS	DATE PLAN APPROVED	DATE PLAN REJECTED
02/19/2010	SR0025858	JERRY WONG	NOT REVIEWED		

Type of System

01-SINGLE WALLED
02-DOUBLE WALLED
95-UNKNOWN

Type of Use

1a-MOTOR VEHICLE FUEL
02-NON-FUEL PETROLEUM
03-CHEMICAL PRODUCT
04-HAZ. WASTE(USED OIL)
05-EMERGENCY GEN. FUEL
95-UNKNOWN
99-OTHER
1b-MARINA FUELING
1c-AVIATION FUELING
06-OTHER GENERATOR

Product Type

02-LEADED
03-DIESEL
04-GASOHOL
05-JET FUEL
06-AVIATION GAS
1a-REGULAR UNLEADED
1b-PREMIUM UNLEADED
1c-MIDGRADE UNLEADED
95-UNKNOWN
99-OTHER
07-USED OIL
08-PETROLEUM BLEND FUEL
09-OTHER PETROLEUM
10-ETHANOL
11-OTHER NON-PETROLEUM

Update PE 4002

Full

HA[illegible]RDOUS MATERIAL FIELD SERV[illegible]ES
COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

☐ Quick Submit-Correct minor information without full verification.

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION — OWNER ID: OW0003269

Legal Owner

*NAME: VULCAN MATERIALS

*ADDRESS 1: 3200 SAN FERNANDO RD ADDRESS 2:

*CITY: LOS ANGELES *STATE: CA *ZIP CODE: 90065 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 10/09/2009

TAX ID: XX-XXX5790 DRIVER LICENSE:

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: JOHN JANKE DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: P O BOX 2950 ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90051-9005 COUNTRY: USA

F- FACILITY INFORMATION — FACILITY ID: FA0001676

*NAME: VULCAN MATERIALS WEST DIVISION #2

*ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

CENSUS: MILITARY SCHOOL MEDICAL *BUSINESS CODE: *BUSINESS TYPE:

SIC CODE: Construction Sand and Gravel *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07

*PHONE: 909-875-1150 EXT: FIRE JURISDICTION: SAN BDNO CITY FIRE

ALT PHONE: 323-258-2777 EXT: 3251 FAX: 323-258-3289 FYI LAST UPDATED: 08/04/2009

FACILITY MAILING ADDRESS

☐ Same as Facility

☐ Same as Owner Mailing Address

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: PETER CHIU

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

EMAIL: MILLERM@VMCMAIL.COM

A- A/R INFORMATION — ACCOUNT ID: AR0001676

☐ Same as Owner Mailing Address ☐ Same as Facility Mailing Address

RESPONSIBLE PARTY:

CARE OF:

ADDRESS 1: ADDRESS 2:

CITY: STATE: ZIP CODE: COUNTRY:

PHONE: EXT: TAX ID: XX-XXX5790 DRIVER LICENSE:

ALT PHONE: EXT: FYI EXEMPT FROM BILLING: NO FYI LAST UPDATED: 11/05/2009

ALT PHONE: EXT: FYI TOTAL DUE: 0.00

FYI ANNIVERSARY DATE: 07/31/2002 FYI ACCOUNT STATUS: ACTIVE ACCOUNT

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

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PERMIT INFORMATION (CIRCLE THOSE TH[illegible] APPLY)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0002[illegible]	ACTIVE	4223	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002527	ACTIVE, BILLABLE	NA	NA		
GHP OR UST ID	CURRENT STATUS(BILLING)	GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0002284	ACTIVE	4420	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002528	ACTIVE, BILLABLE	NA	NA		
GHP OR UST ID	CURRENT STATUS(BILLING)	GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011813	ACTIVE	4104	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
TA0001692	ACTIVE, BILLABLE	PR0002529	ACTIVE, EXEMPT FROM BILLING		
GHP OR UST ID	CURRENT STATUS(BILLING)	GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011814	ACTIVE	4104	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
TA0001693	ACTIVE, BILLABLE	PR0002529	ACTIVE, EXEMPT FROM BILLING		
GHP OR UST ID	CURRENT STATUS(BILLING)	GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011815	ACTIVE	4104	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
TA0001694	ACTIVE, BILLABLE	PR0002529	ACTIVE, EXEMPT FROM BILLING		
GHP OR UST ID	CURRENT STATUS(BILLING)	GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011816	ACTIVE	4104	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
TA0001695	ACTIVE, BILLABLE	PR0002529	ACTIVE, EXEMPT FROM BILLING		
GHP OR UST ID	CURRENT STATUS(BILLING)	GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		UPDATED P.E.
☒ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0020774	ACTIVE	4002	08/01/2009	07/31/2010
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0020026	ACTIVE, BILLABLE	NA	NA		4032
GHP OR UST ID	CURRENT STATUS(BILLING)	GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF EMP.: 12 NUMBER OF ACTIVE UST'S 4 MFR #

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes (No)

*Should this facility be inactivated upon verification that there is no balance due? Yes (No)

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes (No)

*Does this 5050 have attached documents? Yes (No)

ENTERED

*DATE SUBMITTED: 12-15-09 DATE ENTERED: JAN 11 2010 FISCAL ENTRY DATE/ INITIAL:

*SUBMITTED BY: N Schlatthauer ENTERED BY: ***Demand bill for updated PEs**: Yes (No)

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

Per Tank Facility Statement of 11-26-08 update PE 4002 to 4032.

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

HAZARDOUS MATERIAL FIELD SERVICE COMPUTER DATABASE UPDATE AUTHORIZATION

File

UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A

CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION

OWNER ID: OW0003269

NAME: CALMAT CO

ADDRESS 1: 3200 SAN FERNANDO RD ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90065 COUNTRY:

PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: DRIVER LICENSE:

TAX ID: 95-0645790 LAST UPDATED: 01/11/2006

OWNER MAILING ADDRESS

CARE OF: PETER CHIU DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: P O BOX 2950 ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90051-9005 COUNTRY:

F- FACILITY INFORMATION

FACILITY ID: FA0001676

NAME: VULCAN MATERIALS WEST DIVISION #2

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 CITY CODE: SAN BERNARDINO

SIC CODE: Construction Sand and Gravel BUSINESS CODE: BUSINESS TYPE:

CENSUS: SUPERVISORIAL DISTRICT: 005 INSPECTION DISTRICT: 07

PHONE: 909-875-1150 EXT: FIRE JURISDICTION: SAN BDNO CITY FIRE

ALT PHONE: 323-258-2777 EXT: 3251 FAX: 323-258-3289 LAST UPDATED: 05/20/2008

FACILITY MAILING ADDRESS

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: PETER CHIU

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

EMAIL: MILLERM@VMCMAIL.COM

A- A/R INFORMATION

ACCOUNT ID: AR0001676

RESPONSIBLE PARTY:

CARE OF:

ADDRESS 1: ADDRESS 2:

CITY: STATE: ZIP CODE: COUNTRY:

PHONE: EXT: DRIVER LICENSE:

ALT PHONE: EXT: LAST UPDATED: 10/06/2008

ALT PHONE: EXT: EXEMPT FROM BILLING: NO TAX ID: 95-0645790

ANNIVERSARY DATE: 07/31/2002 TOTAL DUE: 0.00 ACCOUNT STATUS: ACTIVE ACCOUNT

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

UPDATE/CLOSE/Z.O.B.	PT000228 (PERMIT NUMBER.)	ACTIVE (PERMIT STATUS)	4223 (ORIGINAL P.E.)	01/2008 (EFFECTIVE DATE)	07/31/2009 (EXPIRATION DATE)
PR0002527 (GHP OR UST ID)	ACTIVE, BILLABLE (CURRENT STATUS(BILLING))	NA (GHP FOR UST(PH))	NA (CURRENT STATUS FOR UST(PH))		(UPDATED P.E.)
UPDATE/CLOSE/Z.O.B.	PT0002284 (PERMIT NUMBER.)	ACTIVE (PERMIT STATUS)	4420 (ORIGINAL P.E.)	08/01/2008 (EFFECTIVE DATE)	07/31/2009 (EXPIRATION DATE)
PR0002528 (GHP OR UST ID)	ACTIVE, BILLABLE (CURRENT STATUS(BILLING))	NA (GHP FOR UST(PH))	NA (CURRENT STATUS FOR UST(PH))		(UPDATED P.E.)
UPDATE/CLOSE/Z.O.B.	PT0011813 (PERMIT NUMBER.)	ACTIVE (PERMIT STATUS)	4104 (ORIGINAL P.E.)	08/01/2008 (EFFECTIVE DATE)	07/31/2009 (EXPIRATION DATE)
TA0001692 (GHP OR UST ID)	ACTIVE, BILLABLE (CURRENT STATUS(BILLING))	PR0002529 (GHP FOR UST(PH))	ACTIVE, EXEMPT FROM BILLING (CURRENT STATUS FOR UST(PH))		(UPDATED P.E.)
UPDATE/CLOSE/Z.O.B.	PT0011814 (PERMIT NUMBER.)	ACTIVE (PERMIT STATUS)	4104 (ORIGINAL P.E.)	08/01/2008 (EFFECTIVE DATE)	07/31/2009 (EXPIRATION DATE)
TA0001693 (GHP OR UST ID)	ACTIVE, BILLABLE (CURRENT STATUS(BILLING))	PR0002529 (GHP FOR UST(PH))	ACTIVE, EXEMPT FROM BILLING (CURRENT STATUS FOR UST(PH))		(UPDATED P.E.)
UPDATE/CLOSE/Z.O.B.	PT0011815 (PERMIT NUMBER.)	ACTIVE (PERMIT STATUS)	4104 (ORIGINAL P.E.)	08/01/2008 (EFFECTIVE DATE)	07/31/2009 (EXPIRATION DATE)
TA0001694 (GHP OR UST ID)	ACTIVE, BILLABLE (CURRENT STATUS(BILLING))	PR0002529 (GHP FOR UST(PH))	ACTIVE, EXEMPT FROM BILLING (CURRENT STATUS FOR UST(PH))		(UPDATED P.E.)
UPDATE/CLOSE/Z.O.B.	PT0011816 (PERMIT NUMBER.)	ACTIVE (PERMIT STATUS)	4104 (ORIGINAL P.E.)	08/01/2008 (EFFECTIVE DATE)	07/31/2009 (EXPIRATION DATE)
TA0001695 (GHP OR UST ID)	ACTIVE, BILLABLE (CURRENT STATUS(BILLING))	PR0002529 (GHP FOR UST(PH))	ACTIVE, EXEMPT FROM BILLING (CURRENT STATUS FOR UST(PH))		(UPDATED P.E.)

ADD NEW P.E. 4002 (NEW P.E.) | (NEW P.E.) | (NEW P.E.) | (NEW P.E.) | (NEW P.E.) | (NEW P.E.) | (NEW P.E.)

(NEW P.E.) | (NEW P.E.) | (NEW P.E.) | (NEW P.E.) | (NEW P.E.) | (NEW P.E.) | (NEW P.E.)

NUMBER OF EMP.: 12 NUMBER OF ACTIVE UST'S 4 MFR #

DATE SUBMITTED: Oct. 21, 2008 DATE ENTERED: 10.22.08 FISCAL DATE:

SUBMITTED BY: N. Schlotthauer ENTERED BY: Demand bill for updated PEs: Yes No

COMMENTS/REMARKS:

Per BP of 2-20-08, add PE 4002.

HAZ)OUS MATERIAL FIELD SERVI S
COMPUTER DATABASE UPDATE AUTHORIZATION

✓ Bmc 12-11-07

RCD SDID FIRE FISCAL
07 JUL 30 AM 8:07

UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION

OWNER ID: OW0001423

NAME: CAL MAT CO.

ADDRESS 1: 3200 SAN FERNANDO RD ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90051-9005 COUNTRY: USA

PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 909-875-1150 EXT: DRIVER LICENSE:

TAX ID: 95-0645790 LAST UPDATED: 06/29/2005

OWNER MAILING ADDRESS

CARE OF: PETER CHIU DBA: VULCAN MATERIALS

ADDRESS1: PO BOX 2950/TRMNL ANNEX ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90051 COUNTRY: USA

F- FACILITY INFORMATION

FACILITY ID: FA0001676

NAME: VULCAN MATERIALS WEST DIVISION #2

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407-2407 CITY CODE: SAN BERNARDINO

SIC CODE: BUSINESS CODE: BUSINESS TYPE:

CENSUS: SUPERVISORIAL DISTRICT: 005 INSPECTION DISTRICT: 07

PHONE: 909-875-1150 EXT: FIRE JURISDICTION: SAN BDNO CITY FIRE

ALT PHONE: 323-258-2777 EXT: 3251 FAX: 909-421-8141 LAST UPDATED: 07/20/2007

FACILITY MAILING ADDRESS

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: PETER CHIU

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407-2407 COUNTRY: USA

EMAIL: MILLERM@VMCMAIL.COM

A- A/R INFORMATION

ACCOUNT ID: AR0001676

RESPONSIBLE PARTY:

CARE OF:

ADDRESS 1: ADDRESS 2:

CITY: STATE: ZIP CODE: COUNTRY:

PHONE: EXT: DRIVER LICENSE:

ALT PHONE: EXT: LAST UPDATED: 06/26/2007

ALT PHONE: EXT: EXEMPT FROM BILLING: NO TAX ID: 95-0645790

ANNIVERSARY DATE: 07/31/2002 TOTAL DUE: 0.00 ACCOUNT STATUS: ACTIVE ACCOUNT

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

UPDATE/CLOSE/Z.O.B.	PT00022 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4223 ORIGINAL P.E.	8/01/2007 EFFECTIVE DATE	07/31/2008 EXPIRATION DATE	
PR0002527 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	NA GHP FOR UST(PH)	NA CURRENT STATUS FOR UST(PH)		UPDATED P.E.	
UPDATE/CLOSE/Z.O.B.	PT0002284 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4420 ORIGINAL P.E.	08/01/2007 EFFECTIVE DATE	07/31/2008 EXPIRATION DATE	
PR0002528 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	NA GHP FOR UST(PH)	NA CURRENT STATUS FOR UST(PH)		UPDATED P.E.	
UPDATE/CLOSE/Z.O.B.	PT0011813 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104 ORIGINAL P.E.	08/01/2007 EFFECTIVE DATE	07/31/2008 EXPIRATION DATE	
TA0001692 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		UPDATED P.E.	
UPDATE/CLOSE/Z.O.B.	PT0011814 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104 ORIGINAL P.E.	08/01/2007 EFFECTIVE DATE	07/31/2008 EXPIRATION DATE	
TA0001693 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		UPDATED P.E.	
UPDATE/CLOSE/Z.O.B.	PT0011815 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104 ORIGINAL P.E.	08/01/2007 EFFECTIVE DATE	07/31/2008 EXPIRATION DATE	
TA0001694 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		UPDATED P.E.	
UPDATE/CLOSE/Z.O.B.	PT0011816 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104 ORIGINAL P.E.	08/01/2007 EFFECTIVE DATE	07/31/2008 EXPIRATION DATE	
TA0001695 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		UPDATED P.E.	

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF EMP: ENTERED NUMBER OF UST'S: ENTERED 4 MFR #

DATE SUBMITTED: JUL 20 2007 DATE ENTERED: JUL 20 2007 FISCAL DATE:

SUBMITTED BY: Jose Cisneros ENTERED BY: Jose Cisneros

COMMENTS/REMARKS:

Per BP review the Name of the Facility has been Changed.

HAZ OUS MATERIAL FIELD SERV ES
COM. ER DATABASE UPDATE AUTHORIZATION

UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A

CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION

OWNER ID: OW0001423

NAME: CAL MAT CO. DBA Vulcan Materials

ADDRESS 1: ~~P O BOX 2950/TRMNL ANNEX~~ 3200 ADDRESS 2: San Fernando Rd

CITY: LOS ANGELES STATE: CA ZIP CODE: ~~90051-9005~~ 90065 COUNTRY:

PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: ~~213-258-2777~~ EXT: DRIVER LICENSE:

TAX ID: 95-0645790 OWNER SWITCH DATE: LAST UPDATED: 8/15/2002

OWNER MAILING ADDRESS

CARE OF: PETER CHIU DBA: CAL MAT CO.

ADDRESS1: P O BOX 2950/TRMNL ANNEX ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90051 COUNTRY:

F- FACILITY INFORMATION

FACILITY ID: FA0001676

NAME: CAL MAT CO. DBA Vulcan Materials - Rock & Sand

ADDRESS 1: 2400 HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92405-0000

SIC CODE: BUSINESS CODE: BUSINESS TYPE:

CENSUS: SUPERVISORIAL DISTRICT: 005 INSPECTION DISTRICT: 07

PHONE: ~~714-875-1150~~ 909-875- EXT: 5180 FIRE JURISDICTION:

ALT PHONE: 800-225-6280 EXT: 3251 FAX: ~~714-875-1150~~ 909-820-7256 LAST UPDATED: 8/15/2002

FACILITY MAILING ADDRESS

BUSINESS NAME: CAL MAT CO.

CARE OF: PETER CHIU

ADDRESS 1: 2400 HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92405-0000 COUNTRY:

EMAIL:

A- A/R INFORMATION

ACCOUNT ID: AR0001676

RESPONSIBLE PARTY:

CARE OF:

ADDRESS 1: ADDRESS 2:

CITY: STATE: ZIP CODE: COUNTRY:

PHONE: EXT: DRIVER LICENSE:

ALT PHONE: EXT: LAST UPDATED: 2/5/2004

ALT PHONE: EXT: ANNIVERSARY DATE: 7/31/2002

TAX ID: 95-0645790

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

UPDATE/CLOSE/Z.O.B.	PT0002	PR0002527	4223	ACTIVE	7/31/2004	
	PERMIT NUMBER.	PROGRAM RECORD	ORIGINAL P.E.	STATUS	EXPIRATION DATE	UPDATED P.E.
UPDATE/CLOSE/Z.O.B.	PT0002284	PR0002528	4420	ACTIVE	7/31/2004	
	PERMIT NUMBER.	PROGRAM RECORD	ORIGINAL P.E.	STATUS	EXPIRATION DATE	UPDATED P.E.
UPDATE/CLOSE/Z.O.B.	PT0011813	PR0002529	4104	ACTIVE	7/31/2004	
	PERMIT NUMBER.	PROGRAM RECORD	ORIGINAL P.E.	STATUS	EXPIRATION DATE	UPDATED P.E.
UPDATE/CLOSE/Z.O.B.	PT0011814	PR0002529	4104	ACTIVE	7/31/2004	
	PERMIT NUMBER.	PROGRAM RECORD	ORIGINAL P.E.	STATUS	EXPIRATION DATE	UPDATED P.E.
UPDATE/CLOSE/Z.O.B.	PT0011815	PR0002529	4104	ACTIVE	7/31/2004	
	PERMIT NUMBER.	PROGRAM RECORD	ORIGINAL P.E.	STATUS	EXPIRATION DATE	UPDATED P.E.
UPDATE/CLOSE/Z.O.B.	PT0011816	PR0002529	4104	ACTIVE	7/31/2004	
	PERMIT NUMBER.	PROGRAM RECORD	ORIGINAL P.E.	STATUS	EXPIRATION DATE	UPDATED P.E.
ADD NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	

NUMBER OF EMP. _____ NUMBER OF UST'S 4 MFR # _____

DATE SUBMITTED: 2-19-04 DATE ENTERED: 3/2/04 FISCAL DATE: _____

SUBMITTED BY: _____ ENTERED BY: _____

COMMENTS/REMARKS:

Per conversation w/ Theresa Thompson of Vulcan Materials: Please update owner and facility info.

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/2002

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - SPECIAL GENERATOR

FEE PAID $279.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

FILE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/2002

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, 26-50 EMPLOYEES

FEE PAID $580.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Richard W. Lewis
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

FILE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/2002

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 9709099832

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - STATE MANDATED FACILITY SERVICE FEE

FEE PAID $10.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

FILE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

THIS PERMIT EXPIRES:
07/31/2001

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, 26-50 EMPLOYEES

FEE PAID $514.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Richard W. Lewis
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

FILE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

AL MAT CO.
400 HIGHLAND AVE
AN BERNARDINO, CA 92405
ST - 86008958 PERMIT - 8610290005

THIS PERMIT EXPIRES:
07/31/2001

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - SPECIAL GENERATOR

FEE PAID $247.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Richard W. Lewis
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

FILE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/2001

CAL MAT CO.
1400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 9709099832

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - STATE MANDATED FACILITY SERVICE FEE

FEE PAID $10.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A
CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
ANNUAL INVOICE FOR PERMIT FEES DUE

Establishment No. **86008958**

ANNUAL INVOICE

06/28/2000

POSTED 7/10/00

PAID
Amt. 1508
Date 7/10/00
By CK
R-1616122

Element Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	07/31/2000	08/01/2000-07/31/2001	737.00
8701071107	226011	07/31/2000	08/01/2000-07/31/2001	514.00
9709099832	227001	07/31/2000	08/01/2000-07/31/2001	10.00
8610290005	228707	07/31/2000	08/01/2000-07/31/2001	247.00

BILL TO: CAL MAT CO.
ATTN: TOM LOWRY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

DBA: CAL MAT CO.

TOTAL AMOUNT DUE: 1,508.00

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

Office SB Co Trs — San Bernardino County

ORIGINAL

1616122

, Calif., 7/10/00 19

RECEIVED FROM Vulcan $ 2745

Two Thousand Seven hundd fifty five DOLLARS

Court _____ Case Name _____ vs. _____

NATURE OF FEES		
SKX 10615594I5	2725	—
NUH 10610699D	20	—
83982		
☐ CASH ☒ CHECK ☐ MONEY ORDER	2745	—

Case No. 8600534

Cindy Echols
(SIGNATURE)

A/C H
(TITLE)

992

01-188A-123 REV. 3-80

10-83

HAZARDOUS MATERIALS FIELD SERVICES
COMPUTER DATA BASE UPDATE AUTHORIZATION

CHANGE [ ]

(Circle one) INACTIVATE PERMIT/FACILITY [X]

BILL TO: E A O LOC/DIST NO:_____ EST NO: 100099158

(Former Est. Name (if applicable)

E – Establishment Information
Name: Cal Mat

Street No: 2400 Fraction:_____ Direction:_____

Street Name: Highland ave Apt/Ste/Unit No:_____

City: Highland State: CA Zip Code: 92405

Attn: Telephone: ( )

A – Applicant Information
Name:_____

Street No:_____ Fraction:_____ Direction:_____

Street Name:_____ Apt/Ste/Unit No:_____

City:_____ State:_____ Zip Code:_____

Attn: Telephone: ( )

O – Owner Information
Name:_____

Street No:_____ Fraction:_____ Direction:_____

Street Name:_____ Apt/Ste/Unit No:_____

City:_____ State:_____ Zip Code:_____

Attn: Telephone: ( )

Program Information: MFR Number_____

Number of Employees:_____ Number of UST's:_____

Federal Tax I.D.Number/Social Security Number:

Permit Information: (Circle those that apply)
Change/Inactivate/Add: 2277023 Permit No: 980009600B2

Change/Inactivate/Add:_____ Permit No:_____

Change/Inactivate/Add:_____ Permit No:_____

Change/Inactivate/Add:_____ Permit No:_____

Change/Inactivate/Add:_____ Permit No:_____

Date Submitted: 8/10/99 Date Entered: 8/30/99

Submitted By: JMC Entered By: Dina Thomas

Comments/Remarks: State fee no longer applies

Refund $41.50

County of San Bernardino

FAS

PAYMENT VOUCHER

COPY

Page 1 of 1

DOCUMENT ID: PV (TRANS) 106 (DEPT.) B3322TT (PV NUMBER)

☐ USE TAX

COMMENTS (12)

SCHEDULED PAY mm/dd/yy	CHECK CATG	SINGLE CK FLAG	VENDOR CODE (11)	COMMENTS (96)
			PERMITREFU	EST#86008958 (24)
				PERMIT NO LONGER APPLIES (24)
				REC#1586038 8/18/99 (24)
				CAL MAT (24)

CC: CINDY HAZMAT

VENDOR NAME: VULCAN MATERIALS

ADDRESS LINE #1: P.O. BOX 2950/TRMNL ANNEX

ADDRESS LINE #2: Cal mat Highland S'B

ADDRESS LINE #3: LOS ANGELES (CITY (17)) CA (STATE (2)) 90051 (ZIP (9))

DOCUMENT TOTAL: $ 41.50

NO	VENDOR INVOICE NUMBER (12)	FUND	DEPT	ORGANIZATION	APPR	OBJECT	REV SOURCE	GRC/PROJ/JOB NUMBER	I/D
01		SKX	106	155			9970	101REFUND	

DESCRIPTION (27)	AMOUNT	TAXABLE AMOUNT
PERMIT NO LONGER APPLIES	41.50	

LINE NO	VENDOR INVOICE NUMBER (12)	FUND	DEPT	ORGANIZATION	APPR	OBJECT	REV SOURCE	GRC/PROJ/JOB NUMBER	I/D
02									

DESCRIPTION (27)	AMOUNT	TAXABLE AMOUNT

LINE NO	VENDOR INVOICE NUMBER (12)	FUND	DEPT	ORGANIZATION	APPR	OBJECT	REV SOURCE	GRC/PROJ/JOB NUMBER	I/D

DESCRIPTION (27)	AMOUNT	TAXABLE AMOUNT

DESCRIPTION OF MATERIALS OR SERVICE:	PURPOSE OF EXPENDITURES:
	REFUND

I hereby certify upon my own personal knowledge that the articles or services specified herewith were necessary and were ordered by me for use by the department and for the purpose indicated above; that the items billed have been delivered or performed as per invoice except as otherwise indicated in "COMMENTS" above; that no part thereof has been previously paid.

PREPARED BY:

/s/ JENNY THOMPSON — 387-9603 (Phone No.) — 02/17/00 (Date)

DEPARTMENT HEAD:

/s/ Elizabeth A. Hull — 2/17/00 (Date)

AUDITOR/CONTROLLER'S APPROVAL FOR PAYMENT: I hereby certify that I have examined the facts of the transaction herein set forth as evidenced by the information hereon and the documents attached hereto. All verifications, certifications, and checking of computations required by County Charter and Government Codes have been complied with and this claim in the total amount shown is hereby approved for payment.

COUNTY AUDITOR/CONTROLLER By _____ Date / /

08-16470-000 Rev 4/99 PC

EH013TP
SD005A

...S Permit Billing System
Fiscal Summary

02/15/00
13:46:56

Permit nbr . . 9806096082 CONDITIONAL EXEMPTION STA Balance: .00
Estab nbr . . 86008958 CAL MAT CO.

Sel	Tran Date	Seq	Type	Amount	Amt Applied	Rev	Comment
	08/18/1999	001	301	20.75	.00	N	REFUND 1586038
	08/18/1999	002	305	20.75	.00	N	REFUND 1586038
	06/29/1999	101	101	20.75	.00	Y	
	06/29/1999	105	105	20.75	.00	Y	Never entered in system
	07/14/1998	001	200	20.75	.00	N	
	06/09/1998	001	101	20.75	20.75	N	FEE FOR 1996/97 FY

F1=Help
F15=Prmt

Office SBCo Fire — San Bernardino County — DUPLICATE 1586038

Calif., 8-18 19 99

RECEIVED FROM Vulcan Materials $ 276.50

Two Thousand seven hundred sixty one + 50/100 DOLLARS

Court _____ Case Name _____ vs. _____

86008958

NATURE OF FEES		
SKX106.15594/5	200	00
NUH 106106 99.90	20	00
SKX106155 9970 Rpt 13819	41.	50
☐ CASH ☒ CHECK ☐ MONEY ORDER	261.	50

Case No. 86009344

Cindy Cobb (SIGNATURE)

A/C Tr (TITLE)

01-188A-123 REV. 3-80 10-83

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1999

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - SPECIAL GENERATOR

FEE PAID $229.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Richard W. Lewis
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1999

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 9709099832

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - STATE MANDATED FACILITY SERVICE FEE

FEE PAID $18.50

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
ANNUAL INVOICE FOR PERMIT FEES DUE

Establishment No. **86008958**

ANNUAL INVOICE

03/27/1998

Element Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	04/30/1998	05/01/1998-04/30/1999	542.00
8701071107	226011	04/30/1998	05/01/1998-04/30/1999	476.00
9709099832	227001	04/30/1998	05/01/1998-04/30/1999	18.50
8610290005	228707	04/30/1998	05/01/1998-04/30/1999	229.00

PAID
Amt #1265.50
Date APR 14 1998
By vam

BILL TO: CAL MAT CO.
ATTN: TOM LOWRY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

DBA: CAL MAT CO.

TOTAL AMOUNT DUE: 1,265.50

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

COUNTY FIRE
HAZARDOUS MATERIALS

98 APR 14 AM 11:05

ORIGINAL

1455822

Of Fire Dept. San Bernardino County

San Bernardino, Calif., 4-14 19 98

RECEIVED FROM CalMat $ 1265.50

ONE THOUSAND, TWO HUNDRED, SIXTY-FIVE and 50/100ths DOLLARS

Court _____ Case Name _____ vs. _____

NATURE OF FEES		
155-9415	1247	00
N4H-9990	18	50
# 941090		
☐ CASH ☒ CHECK ☐ MONEY ORDER	1265	50

Case No. 86008958

V. A. McCrery
(SIGNATURE)

Acct. Clerk II
(TITLE)

01-[illegible] 123 REV. 3-80

10-83

P.O. BOX 2950 LOS ANGELES, CALIFORNIA 90051 (213) 258-2777

039820 CO.OF SAN BERNARDINO FIRE 04/09/98 941090

INVOICE DATE	INVOICE NUMBER	INVOICE AMOUNT	DISCOUNT	NET AMOUNT	COMMENTS
04/03/98	SAN BERNAR	1,265.50	0.00	1,265.50	86008958
		1,265.50	0.00	1,265.50	

CHECK BELOW IS PRESENTED IN FULL PAYMENT OF THE ITEMS LISTED HEREON.

REMITTANCE ADVICE - DETACH BEFORE DEPOSITING.

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

THIS PERMIT EXPIRES:
04/30/1998

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, 26-50 EMPLOYEES

FEE PAID $476.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1998

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - SPECIAL GENERATOR

FEE PAID $229.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
ANNUAL INVOICE FOR PERMIT FEES DUE

Establishment No. **86008958**

ANNUAL INVOICE

03/29/1997
PAGE 1 OF 1

Permit Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	04/30/1997	05/01/1997-04/30/1998	542.00
8701071107	226011	04/30/1997	05/01/1997-04/30/1998	476.00
8610290005	228707	04/30/1997	05/01/1997-04/30/1998	229.00

APR 29

PAID
Amt. 1247.00
Date APR 25 1997
CK

BILL TO: CAL MAT CO.
ATTN: TOM LOWRY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

per attached receipt #137250

DBA: CAL MAT CO.

TOTAL AMOUNT DUE: 1,247.00

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

0700 (Return Top Portion With Payment)

COUNTY FIRE
HAZARDOUS MATERIALS

97 APR 25 PM 1:55

ORIGINAL

1372500

Office SB Co Fire — San Bernardino County

, Calif., 4-25 19 97

RECEIVED FROM Cal Mat — $ 2535.00

Two Thousand five hundred thirty five — DOLLARS

Court — Case Name — vs.

NATURE OF FEES		
155415	2535	—
872554		
☐ CASH ☐ CHECK ☐ MONEY ORDER	2535	—

860093444-860094464
8600895B

Case No.

Cindy Eckl
(SIGNATURE)

Acct Clerk II
(TITLE)

01-188A-123 REV. 3-80

10-83

HAZARDOUS MATERIALS FIELD SERVICES
COMPUTER DATA BASE UPDATE AUTHORIZATION

Change ☒

Inactivate Permit/Facility (circle one) ☐

Bill To: E A O Location/District No: _____ Est No: 86008958
(cirle one)
Former Est. Name: (if applicable): _____

Name: Cal Mat Co.
Street No.: 2400 E Fraction: ___ Direction: ___
Street Name: Highland Ave Apt/Sp No.: _____
City: San Bernardino State: _____ Zip Code: _____
Telephone No.: ( ) _____

Attn: Tom Lowry
Name: _____
Street No.: _____ Fraction: ___ Direction: ___
Street Name: _____ Apt/Sp No.: _____
City: _____ State: _____ Zip Code: _____
Telephone No.: ( ) _____

A

Name: _____
Street No.: _____ Fraction: ___ Direction: ___
Street Name: _____ Apt/Sp No.: _____
City: _____ State: _____ Zip Code: _____
Telephone No.: ( ) _____

Program Information:

~~Number of Employees~~: 95-0645790 Number of UGST's: _____
Federal Tax I.D. Number/Social Security Number: _____

Permit Information: (Circle those that apply)

Change/Inactivate/Add _____ Permit No.: _____
Change/Inactivate/Add _____ Permit No.: _____
Change/Inactivate/Add _____ Permit No.: _____
Change/Inactivate/Add _____ Permit No.: _____

Date Submitted: 1-2-97 Date Entered: JAN 07 1997
Submitted By: J Adams Entered By: Pam

Comments/Remarks: change Attn:

H RDOUS MATERIALS FIELD SEI CES
COMI ER DATA BASE UPDATE AUTHO ATION

Change ☐
Inactivate Permit/Facility (circle one) ☒

Bill To: E A O Location/ District No: _____ Est No: 86009111
(cirle one)
Former Est. Name: (if applicable): _____

Name: Industrial Asphalt
Street No.: 2340 Fraction: ___ Direction: ___
Street Name: Highland Apt/Sp No.: _____
City: San Bernardino State: CA Zip Code: _____
Telephone No.: ( ) _____

Name: _____
Street No.: _____ Fraction: ___ Direction: ___
Street Name: _____ Apt/Sp No.: _____
City: _____ State: ____ Zip Code: _____
Telephone No.: ( ) _____

Name: _____
Street No.: _____ Fraction: ___ Direction: ___
Street Name: _____ Apt/Sp No.: _____
City: _____ State: ____ Zip Code: _____
Telephone No.: ( ) _____

Program Information:

Number of Employees: _____ Number of UGST's: _____
Federal Tax I.D. Number/Social Security Number: _____

Permit Information: (Circle those that apply)

Change/Inactivate/Add _____ Permit No.: _____
Change/Inactivate/Add _____ Permit No.: _____
Change/Inactivate/Add _____ Permit No.: _____
Change/Inactivate/Add _____ Permit No.: _____

Date Submitted: 11-13-96 Date Entered: NOV 18 1996
Submitted By: J Adams Entered By: Dan

Comments/Remarks: Combine with Cal mat 2400 Highland
EST # 86008958
per BP

TRACKING SHEET FOR BUSINESS PLANS

Facility Name: Industrial Asphalt

Facility site address: 2340 W. Highland

City: San Bernardino

Fire Agency:

Trade Secrets: _____ Y _____ N

_____ (# of copies)		Sent to FD	Sent to PD
Business Plan Received	6/17/87	___/___/___	___/___/___
Result of Review(s)			
Deficiency	10/2/87		
Conditional Approval	___/___/___		
Approval	11/2/87		

		Sent to FD	Sent to PD
Revised Plan(s) Received	10/28/87	___/___/___	___/___/___
	___/___/___	___/___/___	___/___/___
	___/___/___	___/___/___	___/___/___

Other Date	Action/documentation (update, new plan, etc.)
1/20/89	BP update
3/18/91	BP update
1/18/95	Update - new plan Approved/FD 2-21-95
___/___/___	File combined w/ Cal Mat → new owner
___/___/___	
___/___/___	
___/___/___	
___/___/___	
___/___/___	
___/___/___	
___/___/___	
___/___/___	
___/___/___	

Field Services

LTERM: EHS RENEWABLE PERMIT SYSTEM 12/10/90
EH000 ESTABLISHMENT INFORMATION 12:43:50
RETRIEVE
OPTION: TRAN: 6ES KEY: 86009111

DEC 1 1 1990

ESTAB NUMBER: 86009111
ESTAB DATE : 03/04/86 LOCATION: 64 STATUS: BILL TO: O
INACT DATE : 00/00/00 PROBLEM PROGRAM:

********** ESTABLISHMENT **********
INDUSTRIAL ASPHALT
2340 0/0 W HIGHLAND AV
SAN BERNARDINO CA 92410 - 0000 000 - 000 - 0000

********** OWNER **********
INDUSTRIAL ASPHALT
0/0 P O BOX ~~9263~~ 7607 91409
~~IRWINDALE~~ VAN NUYS CA ~~91706~~ - 0000 818 - ~~969~~ - 7951 781 - 6080

DEC 1 0 1990

********** APPLICANT **********
INDUSTRIAL ASPHALT
3200 0/0 ~~P O BOX 2263~~ SAN FERNANDO Rd. 781 - 6080
~~IRWINDALE~~ LOS ANGELES CA ~~91706~~ - 0000 818 - ~~969~~ - ~~7951~~
~~91409~~ 90065

* PFK1 FOR PERMIT INFORMATION *

Changes made to all establishments accts.
Per attached ~~correspondence~~ CORRESPONDENCE (#8??/0X).

```
 LTERM:                    EHS RENEWABLE PERMIT SYSTEM                  12/10/90
    EH000                   ESTABLISHMENT INFORMATION                   12:44:05
 RETRIEVE
OPTION:          TRAN: 6ES     KEY: 86009464
```

DEC 1 1 1990 Of Ana

```
ESTAB NUMBER:  86009464
ESTAB DATE  :  03/06/86        LOCATION:  63  STATUS:        BILL TO:  O
INACT DATE  :  00/00/00        PROBLEM PROGRAM:

************************* ESTABLISHMENT ********************************
 INDUSTRIAL ASPHALT
            265      0/0  E   SANTA ANA
            RIALTO                CA   92376  - 0000   000 - 000 - 0000
***************************** OWNER ************************************
 INDUSTRIAL ASPHALT
                     0/0       P O BOX 2263   7607 [illegible] 91409  (818) 781-6080
            IRWINDALE VAN NUYS    CA   91706  - 0000   000 - 000 - 0000
************************** APPLICANT ***********************************
 INDUSTRIAL ASPHALT
            3200     0/0       P O BOX 2263 SAN FERNANDO RD
            IRWINDALE LOS ANGELES CA   91706  - 0000   000 - 000 - 0000
                                             90065     (818) 781-6080

     * PFK1 FOR PERMIT INFORMATION *
```

DEC 1 1 1990

LTERM: EHS RENEWABLE PERMIT SYSTEM 12/10/90
EH000 ESTABLISHMENT INFORMATION 12:44:19
RETRIEVE
OPTION: TRAN: 6ES KEY: 86009992

DEC 11 1990

ESTAB NUMBER: 86009992
ESTAB DATE : 03/18/86 LOCATION: 71 STATUS: BILL TO: O
INACT DATE : 00/00/00 PROBLEM PROGRAM:

********** ESTABLISHMENT **********
INDUSTRIAL ASPHALT
0/0 NATIONAL TRAILS HWY
ORO GRANDE CA 92368 - 0000 000 - 000 - 0000
********** OWNER **********
INDUSTRIAL ASPHALT
0/0 P O BOX ~~2263~~ 7607
~~IRWINDALE~~ VAN NUYS CA ~~91706~~ 91409 - 0000 818 - ~~969 - 7951~~ 781-6080
DEC 10 1990
********** APPLICANT **********
INDUSTRIAL ASPHALT
0/0 NATIONAL TRAILS HWY
~~ORO GRANDE~~ LOS ANGELES CA ~~92368~~ 90065 - 0000 ~~000 - 000 - 0000~~ (818) 781-6080

* PFK1 FOR PERMIT INFORMATION *

LTERM: EHS RENEWABLE PERMIT SYSTEM 12/10/90
EH000 ESTABLISHMENT INFORMATION 12:44:36
RETRIEVE
OPTION: TRAN: 6ES KEY: 86011431

DEC 11 1990
of Van

ESTAB NUMBER: 86011431
ESTAB DATE : 06/12/86 LOCATION: 58 STATUS: BILL TO: O
INACT DATE : 00/00/00 PROBLEM PROGRAM:

********** ESTABLISHMENT **********
INDUSTRIAL ASPHALT
4711 0/0 HUNTINGTON DR
MONTCLAIR CA 91711 - 0000 000 - 000 - 0000
********** OWNER **********
INDUSTRIAL ASPHALT
0/0 P O BOX ~~2263~~ 7607
~~IRWINDALE~~ VAN NUYS CA ~~91706~~ 91409 - 0000 ~~000 - 000 - 0000~~ 818-781-6080
********** APPLICANT **********
INDUSTRIAL ASPHALT
~~4711~~ 3200 0/0 ~~HUNTINGTON~~ SAN FERNANDO ~~DR~~ Rd. DEC 10 1990
~~MONTCLAIR~~ LOS ANGELES CA ~~91711~~ 90065 - 0000 ~~000 - 000 - 0000~~ 818-781-6080

* PFK1 FOR PERMIT INFORMATION *

INDUSTRIAL ASPHALT

A T T E N T I O N

On Monday, December 31, 1990, Industrial Asphalt's General Office located in Irwindale is moving from 6623 Calle Eva Miranda, Irwindale, CA 91706 (P.O. Box 2263, Irwindale, CA 91706) to:

3200 San Fernando Road
Los Angeles, CA 90065
(818) 781-6080

P.O. Box 7607
Van Nuys, CA 91409

Please change your records accordingly.

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1997

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER

FEE PAID $177.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL
FILE COPY

POST IN A
CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

THIS PERMIT EXPIRES:
04/30/1997

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS WASTE GENERATOR

FEE PAID $708.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Richard W. Lucas
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

THIS PERMIT EXPIRES:
04/30/1996

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS WASTE GENERATOR

FEE PAID $708.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Pamella V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A
CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT
COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

THIS PERMIT EXPIRES:
04/30/1996

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER

FEE PAID $177.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Pamella V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL
FILE COPY

POST IN A
CONSPICUOUS PLACE

COUNTY OF SAN BERNARDINO
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
ANNUAL INVOICE FOR PERMIT FEES DUE

ANNUAL INVOICE

Establishment No. 86008958

03/30/1995
PAGE 1 OF 1

Permit Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	04/30/1995	05/01/1995-04/30/1996	401.00
8701071107	226003	04/30/1995	05/01/1995-04/30/1996	177.00
8610290005	228702	04/30/1995	05/01/1995-04/30/1996	708.00

BILL TO: CAL MAT CO.LUCERO, TONY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

DBA: CAL MAT CO.

TOTAL AMOUNT DUE: 1,286.00

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

APR 24 1995

0700 (Return Top Portion With Payment)

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1994

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS WASTE GENERATOR

FEE PAID $708.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P C BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Pamilla V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

THIS PERMIT EXPIRES:
04/30/1994

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER

FEE PAID $177.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Pamilla V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

COUNTY OF SAN BERNARDINO
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
ANNUAL INVOICE FOR PERMIT FEES DUE

ANNUAL INVOICE

Establishment No. **86008958**

03/30/1993
PAGE 1 OF 1

Permit Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	04/30/1993	05/01/1993-04/30/1994	401.00
8701071107	226003	04/30/1993	05/01/1993-04/30/1994	177.00
8610290005	228702	04/30/1993	05/01/1993-04/30/1994	708.00

APR 28 1993
APR 28 1993
APR 28 1993

PAID
1286.00
Amt.
APR 19 1993
Date
By CC

BILL TO: CAL MAT CO.LUCERO, TONY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

DBA: CAL MAT CO.

TOTAL AMOUNT DUE: 1,286.00

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

0700

(Return Top Portion With Payment)

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

THIS PERMIT EXPIRES:
04/30/93

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS WASTE GENERATOR

FEE PAID $680.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPL - 35

Pamella V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/93

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER

FEE PAID $170.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

Pamella V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:

04/30/92

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS WASTE GENERATOR

FEE PAID $480.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPL - 35

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/91

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS WASTE GENERATOR

FEE PAID $390.00

CAL MAT CO. C/O J BENNETT
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPL - 35

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Director
ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/90

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER

FEE PAID $90.00

CAL MAT CO. C/O J BENNETT
DBA CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Director
ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/90

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS WASTE GENERATOR

FEE PAID $325.00

CAL MAT CO. C/O J BENNETT
DBA CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPL - 35

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Director
ENVIRONMENTAL HEALTH SERVICES

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

PAGE 1
BILL DATE 03/28/89
HEALTH PERMIT EXPIRATION DATE 04/30/89

Bill to A

APR 17 1989

** REMIT COPY ***

ESTABLISHMENT NBR 86008958

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

ERM	3R	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
603040060		222800	PREVIOUS BALANCE		0.00
			UNDERGROUND STORAGE TANKS	101	209.00
			PERMIT TOTAL		209.00 APR 17 1989
610290005		228702	PREVIOUS BALANCE		0.00
			HAZARDOUS WASTE GENERATOR	101	325.00
			PERMIT TOTAL		325.00 APR 17 1989
701071107		226003	PREVIOUS BALANCE		0.00
			HAZARDOUS MATERIAL HANDLER	101	90.00
			PERMIT TOTAL		90.00 APR 17 1989
			TOTAL DUE		624.00

PAID
Amt #624-
Date 4-18-89
By

LL FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR
UR PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS.
EV UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE
ND APPLICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

F YOU HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

OOD ESTABLISHMENT PERMITS -- 387-4637
WIMMING POOL PERMITS -- 387-4637
ILK & DAIRY ESTABLISHMENTS -- 387-4608
AZARDOUS OR INFECTIOUS WASTE GENERATORS -- 387-3080
NDERGROUND STORAGE TANK PERMITS -- 387-3080
AZARDOUS MATERIAL HANDLER PERMITS -- 387-3044
MOBILEHOME PARK PERMITS -- 387-4670
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-4670
HOME OCCUPATION PERMITS -- 387-4678
TEMPORARY OFFICES/SIGNS -- 387-4678
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
DESIGNATED MAINTENANCE AREA -- 387-4655
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666
SPECIAL USE PERMITS -- 387-4678

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

LEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION
ND ADDING THE CHANGES. *** PLEASE PRINT. ***

STABLISHMENT INFO CAL MAT CO.
213) 680-2316 2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

< > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O J BENNETT
(213) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

EGAL OWNER INFO CAL MAT CO.
213)-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

MPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER X APPLICANT

APR 17 1989

NUMBER OF UNDERGROUND STORAGE TANKS: 002

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
Jay LuKKarila	Mgr.	(714) 875-1150	(800) 282-4924
Rawleigh Tougas	Prod. mgr	(714) 875-1150	(800) 282-4924

OFFICE USE ONLY	
EST NBR	86008958
PERMIT NBR	8603040060
FORMER EST NBR	
PERMIT CATEGORY	222800
EXPIR DATE	04/30/89
NEW, TRANS, RENEW	R
LOC CODE	64
SANI DIST	2200
MFR NBR	
APN	
PERMIT FEE	$209-
STATE FEE	
DELINQUENT FEE	
TOTAL FEE REC'D	$209-

HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED USINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY EREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF AN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS NCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

IGNED _____ DATED 4/17/89 TITLE ENVIRONMENTAL COORDINATOR

OTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE.
APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

LEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION
ND ADDING THE CHANGES. *** PLEASE PRINT. ***

STABLISHMENT INFO CAL MAT CO.
213) 680-2316 2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

EGAL OWNER INFO CAL MAT CO.
213)-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

< > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O J BENNETT
(213) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

MPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER X APPLICANT

NUMBER OF EMPLOYEES: 00035

OFFICE USE ONLY
EST NBR 86008958
PERMIT NBR 8610290005
FORMER EST NBR
PERMIT CATEGORY 228702
EXPIR DATE 04/30/89
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0000
MFR NBR 220086
APN
PERMIT FEE $325 —
STATE FEE
DELINQUENT FEE
TOTAL FEE REC'D $325 —

HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED
USINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY
EREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF
AN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS
NCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

IGNED Jay M Stang DATED 4/17/89 TITLE Environmental Coordinator

OTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE.
APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

LEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION
ND ADDING THE CHANGES. *** PLEASE PRINT. ***

STABLISHMENT INFO CAL MAT CO.
213) 680-2316 2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

< > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O J BENNETT
(213) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

EGAL OWNER INFO CAL MAT CO.
213 -2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____
FORMER OWNER _____

MPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER X APPLICANT

OFFICE USE ONLY
EST NBR 86008958
PERMIT NBR 8701071107
FORMER EST NBR _____
PERMIT CATEGORY 226003
EXPIR DATE 04/30/89
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0000
MFR NBR
APN
PERMIT FEE $90 —
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D $90 —

HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED
USINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY
EREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF
AN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS
NCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

IGNED _____ DATED 4/12/89 TITLE ENVIRONMENTAL COORDINATOR

OTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE.
APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/89

MAT CO
5709 20TH ST
UPLAND, CA 91786
EST - 86009344 PERMIT - 8706020001

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS WASTE GENERATOR

FEE PAID $120.00

CAL MAT CO/JOHN BENNETT
DBA CAL MAT CO
P O BOX 2950 TERM ANNEX
LOS ANGELES, CA 90051

NBR EMPL - 14

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A
CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/89

CAL MAT CO
5709 20TH ST
UPLAND, CA 91786
EST - 86009344 PERMIT - 8701261026

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER

FEE PAID $40.00

CAL MAT CO/JOHN BENNETT
DBA CAL MAT CO
P O BOX 2950 TERM ANNEX
LOS ANGELES, CA 90051

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A
CONSPICUOUS PLACE

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

PAGE 1
BILL DATE 03/29/88
HEALTH PERMIT EXPIRATION DATE 04/30/88

*** REMIT COPY ***

ESTABLISHMENT NBR 86009344

CAL MAT CO
DBA: CAL MAT CO
~~1975 N BENSON AV~~ PO BOX 2950/TRMNL ANNEX
~~UPLAND, CA 91786~~ LOS ANGELES, CA 90051

CAL MAT CO
5709 20TH ST
UPLAND, CA 91786

PERMIT NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
86 0003	222800	PREVIOUS BALANCE		0.00
		UNDERGROUND STORAGE TANKS	101	112.00
		PERMIT TOTAL		112.00
8701261026	226002	PREVIOUS BALANCE		0.00
		HAZARDOUS MATERIAL HANDLER	101	40.00
		PERMIT TOTAL		40.00
8706[illegible]0001	228700	PREVIOUS BALANCE		0.00
		HAZARDOUS WASTE GENERATOR	101	120.00
		PERMIT TOTAL		120.00
		TOTAL DUE		272.00

APR 27 1988
APR 27 1988 PAID
Amt 272.00
APR 27 1988
Date
APR 27 1988
By

ALL FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR CURRENT PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS.
RE\ UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE
AN 'LICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

IF YOU HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

FOOD ESTABLISHMENT PERMITS -- 387-4637
SWIMMING POOL PERMITS -- 387-4637
MILK & DAIRY ESTABLISHMENTS -- 387-4608
HAZARDOUS OR INFECTIOUS
WASTE GENERATORS -- 387-3080
UNDERGROUND STORAGE
TANK PERMITS -- 387-3080
HAZARDOUS MATERIAL HANDLER
PERMITS -- 387-3044

MOBILEHOME PARK PERMITS -- 387-4670
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-4670
HOME OCCUPATION PERMITS -- 387-4678
TEMPORARY OFFICES/SIGNS -- 387-4678
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
DESIGNATED MAINTENANCE AREA -- 387-4655
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666
SPECIAL USE PERMITS -- 387-4678

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO
CAL MAT CO
5709 20TH ST
UPLAND, CA 91786

< ✓ > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO
~~CAL MAT CO~~ / JOHN BENNETT
~~PO Box 2950 Terminal Annex~~
~~(213) 680-2316~~
~~1975 N BENSON AV~~
(213) 258-2777
LOS ANGELES, CA. 90051
~~UPLAND, CA 91786~~

LEGAL OWNER INFO
CALMAT CO
~~CAL MAT CO~~
PO Box 2950 Terminal Annex
~~(2 680-2316~~
~~1975 N BENSON AV~~
(2 258-2777
LOS ANGELES, CA. 90051
~~UPLAND, CA 91786~~

APR 27 1988

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER X APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 001

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
Rick MARTINDALE	Sales/Service Rep	(714) 982-8514	800 282-4924
RAWLEIGH TOUGAS	Production Manager	(714) 982-8514	800 282-4924

OFFICE USE ONLY	
EST NBR	86009344
PERMIT NBR	8603060003
FORMER EST NBR	
PERMIT CATEGORY	222800
EXPIR DATE	04/30/88
NEW, TRANS, RENEW	R
LOC CODE	65
SANI DIST	2200
MFR NBR	
APN	
PERMIT FEE	112.00
STATE FEE	
DELINQUENT FEE	
TOTAL FEE REC'D	112.00

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

SIGNED _____ DATED 4/20/88 TITLE Div Env Mgr

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO
CAL MAT CO
5709 20TH ST
UPLAND, CA 91786

< ✓ > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO
~~CAL MAT CO~~ CALMAT CO / JOHN BENNETT
PO BOX 2950 TERMINAL ANNEX
~~1975 N BENSON AV~~
LOS ANGELES CA 90051
~~UPLAND, CA 91786~~
(213) 680-2316

LEGAL OWNER INFO
CALMAT CO
~~CAL MAT CO~~
PO BOX 2950 TERMINAL ANNEX
(2[illegible] 680-2316
~~1975 N BENSON AV~~
LOS ANGELES CA 90051
~~UPLAND, CA 91786~~

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER _X_APPLICANT

OFFICE USE ONLY
EST NBR 86009344
PERMIT NBR 8701261026
FORMER EST NBR _____
PERMIT CATEGORY 226002
EXPIR DATE 04/30/88
NEW, TRANS, RENEW R
LOC CODE 65
SANI DIST 2200
MFR NBR
APN
PERMIT FEE 40.00
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D ~~40.00~~

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

SIGNED [signature] DATED 4/30/88 TITLE Div Envir Mgr

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO CAL MAT CO

5709 20TH ST

UPLAND, CA 91786

< ✓ > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO ~~CAL MAT CO~~ CALMAT CO / JOHN BENNETT
PO BOX 2950 TERMINAL ANNEX
~~1975 N BENSON AV~~
LOS ANGELES CA, 90051
~~UPLAND, CA 91786~~

(213) 680-2316

LEGAL OWNER INFO ~~CAL MAT CO~~ CALMAT CO
PO BOX 2950 TERMINAL ANNEX
(2 680-2316 ~~1975 N BENSON AV~~
LOS ANGELES, CA 90051
~~UPLAND, CA 91786~~

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER ✓ APPLICANT

NUMBER OF EMPLOYEES: 00014

OFFICE USE ONLY
EST NBR 86009344
PERMIT NBR 8706020001
FORMER EST NBR _____
PERMIT CATEGORY 228700
EXPIR DATE 04/30/88
NEW, TRANS, RENEW N
LOC CODE 65
SANI DIST 0000
MFR NBR 221303
APN
PERMIT FEE 120.00
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D 120.00

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED _____ DATED 4/25/87 TITLE _____

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/89

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS WASTE GENERATOR

FEE PAID $250.00

CAL MAT CO.
DBA CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPL - 35

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO CAL MAT CO.
(213) 680-2316 2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

< ✓ CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O J BENNETT
(213) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

LEGAL OWNER INFO CAL MAT CO.
(680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER ✓APPLICANT

NUMBER OF EMPLOYEES: 00035

OFFICE USE ONLY
EST NBR 86008958
PERMIT NBR 8610290005
FORMER EST NBR _____
PERMIT CATEGORY 228701
EXPIR DATE 04/30/88
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0000
MFR NBR 220086
APN
PERMIT FEE 250.00
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D 250.00

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED _____ DATED 4/14/88 TITLE Dir Envir Mgt Svcs

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

THIS PERMIT EXPIRES:
04/30/88

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER

FEE PAID $75.00

CAL MAT CO.
DBA CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO CAL MAT CO.

(213) ~~680-2316~~ 258-2777

2400 HIGHLAND AV

SAN BERNARDINO, CA 92405

< > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O J BENNETT

(213) ~~680-2316~~ 258-2777

P O BOX 2950/TRMNL ANNEX

LOS ANGELES, CA 90051

LEGAL OWNER INFO CAL MAT CO.

(~~680-2316~~ 258-2777

P O BOX 2950/TRMNL ANNEX

LOS ANGELES, CA 90051

IS THIS A TRANSFER? _____

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER X APPLICANT

OFFICE USE ONLY
EST NBR 86008958
PERMIT NBR 8701071107
FORMER EST NBR _____
PERMIT CATEGORY 226003
EXPIR DATE 04/30/87
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0000
MFR NBR
APN
PERMIT FEE 75.00
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D 75.00

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED Jay M Bennett DATED 5/26/87 TITLE Environmental Coordinator

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

THIS PERMIT EXPIRES:
04/30/88

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS WASTE GENERATOR

FEE PAID $191.00

CAL MAT CO.
DBA CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPL - 35

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A
CONSPICUOUS PLACE

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO CAL MAT CO.

(213) ~~680-2316~~ 258-2777

2400 HIGHLAND AV

SAN BERNARDINO, CA 92405

< > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O J BENNETT

(213) ~~680-2316~~ 258-2777

P O BOX 2950/TRMNL ANNEX

LOS ANGELES, CA 90051

LEGAL OWNER INFO CAL MAT CO.

(___ ~~680-2316~~ 258-2777

P O BOX 2950/TRMNL ANNEX

LOS ANGELES, CA 90051

IS THIS A TRANSFER? _____

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER __X__APPLICANT

NUMBER OF EMPLOYEES: 00035

OFFICE USE ONLY
EST NBR 86008958
PERMIT NBR 8610290005
FORMER EST NBR _____
PERMIT CATEGORY 228701
EXPIR DATE 04/30/87
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0000
MFR NBR 220086
APN
PERMIT FEE 191.00
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D 191.00

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED Jay M Bennett DATED 3/26/87 TITLE Environmental Coordinator

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
02/28/87

C MAT CO.
2400 W HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 85004231 PERMIT - 8510080057

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS WASTE GENERATOR

FEE PAID $180.00

CAL MAT CO.
PO BOX 2950/TERMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPL - 35

9/m 3/6/86 ar

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO ~~CONROCK CO. SAN BDNO.~~ CalMat Co.

2400 W HIGHLAND AV

SAN BERNARDINO, CA 92405

FEB 28 1986

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO.

PO BOX 2950/TERMNL ANNEX

LOS ANGELES, CA 90051

LEGAL OWNER INFO CAL MAT CO.

PO BOX 2950/TERMNL ANNEX

LOS ANGELES, CA 90051

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS X LEGAL OWNER ___APPLICANT

NUMBER OF EMPLOYEES: 00035

TYPES OF WASTE GENERATED:	VOLUME:	CIRCLE ONE:	DISPOSAL METHOD:
# OF EMPLOYEES VARIES	25± VARIES	LBS/GALS	RECYCLE
WASTE OIL		LBS/GALS	
		LBS/GALS	

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
JOHN BENNETT	DIR ENV MATTERS	(213) 6802316	SAME
RALEIGH TOUGAS	PROD MGR	(714) ~~[illegible]~~ 8751150	SAME

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

OFFICE USE ONLY	
EST NBR	85004231
PERMIT NBR	8510080057
FORMER EST NBR	
PERMIT CATEGORY	228701
EXPIR DATE	02/28/86
NEW, TRANS, RENEW	R
LOC CODE	64
SANI DIST	0000
MFR NBR	220086
APN	
PERMIT FEE	180.00
STATE FEE	
DELINQUENT FEE	
TOTAL FEE REC'D	180.00

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED _____ DATED 2-6-86 TITLE DIRECTOR ENVIRONMENTAL MATTERS

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

BILL DATE 01/11/86

*** REMIT COPY ***

ESTABLISHMENT NBR 85004231

CAL MAT CO.
PO BOX 2950/TERMNL ANNEX
LOS ANGELES, CA 90051

CONROCK CO.-SAN BDNO.
2400 W HIGHLAND AV
SAN BERNARDINO, CA 92405

PERMIT NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
85 1057	228701	PREVIOUS BALANCE		0.00
		HAZARDOUS WASTE GENERATOR	101	180.00
		PERMIT TOTAL		180.00
		TOTAL DUE		180.00

FEB 28 1986

ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. REVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE AND APPLICATION(S) WITH REMITTANCE TO:

ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA. 92415-0160
PHONE 714-383-2760

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

PAID
Amt 180.00
Date FEB 27 1986
By

HEALTH INSPECTION FEE RECEIPT

THIS IS NOT A PERMIT TO OPERA

COUNTY OF SAN BERNARDINO, CALIFORNIA

No. 128899

DATE: February 14, 1985

PERMIT EXPIRES: FEBRUARY 28, 1986

Fee Paid $ 160.00

TYPE: HAZ WASTE GENERATOR

DIST/MFR: 220086

Employees

~~XXXXXX~~ ☐ S.C./☐ S.F. 35

Est. Loc:
2400 W. Highland
San Bernardino

THIS RECEIPT, when properly countersigned, certifies payment of the sum shown above for the San Bernardino County Environmental Health Services Department inspection fee.

COUNTER RECEIPT ☐

CHECK ☑

CASH ☐

M.O. ☐

#007445

NAME CALMAT CO.
D.B.A. CONROCK DIVISION - San Bernardino
ADDRESS P.O. BOX 2950 Terminal Annex
CITY & STATE LOS ANGELES CA 90051

By: [signature]

THIS IS AN INSPECTION FEE RECEIPT
TRIPLICATE AUDITOR'S COPY

PM

EALTH INSPECTION FEE RENEWAL NOTICE TRANSFER ☐

ronmental Health Service Dep ıent

County of San Bernardino, California

TOTAL FEES DUE $ 160.00

THIS IS NOT A PERMIT TO OPERATE

DATE: 2-16-84

PERMIT EXPIRES: 2-16-85

TYPE: Haz Waste Generator

DIST/MFR: 22086

Employees:

☐ S.C./☐ S.P. 25

Location:
2400 W. Highland Avenue
San Bernardino, CA 92405

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO OPERATE A BUSINESS OR SERVICE AS DESCRIBED ON THIS APPLICATION IN ACCORDANCE WITH THE LAWS, ORDINANCES AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA AND THE COUNTY OF SAN BERNARDINO.

SIGNED

DATE 2-1-85

FEES ARE DUE AND PAYABLE UPON RECEIPT OF THIS NOTICE. PAYMENTS RECEIVED AFTER 30 DAYS ARE SUBJECT TO A 50% PENALTY FEE.

2/14/85
1985 PERMIT
DATE
AMOUNT
RECEIPT NO.
BY
PAID RENEWAL

All fees are due and payable within 30 days after expiration date of current permit or a 50% penalty will be charged. On all CHANGES OF OWNERSHIP, application & fee must be submitted prior to operation by new owner or a 50% penalty will be charged.

NAME CALMAT CO.
D.B.A. CONROCK ~~CO., San Bernardino~~ DIVISION
ADDRESS P.O. Box 2950 Terminal Annex
CITY & STATE Los Angeles, CA 90051

IF ANY OF THE ABOVE INFORMATION HAS CHANGED CONTACT OUR OFFICE FOR A NEW APPLICATION
Mail or deliver this notice and remittance to: Dept. of Environmental Health Services, ~~1111 E. Mill St., Bldg. 1~~
San Bernardino, CA 92415 (Telephone: 383-~~2760~~)

PM

7170

[redacted] Year 1985

HAZARDOUS WASTE GENERATOR PERMIT APPLICATION/RENEWAL

Facility Name: CONROCK [redacted] SAN BERNARDINO Date: 2-1-85

Site Address: 2400 W. HIGHLAND BLVD City: SAN BERNARDINO Zip: 92405

Mailing Address: P.O. Box 2950 TERMINAL ANNEX City: LOS ANGELES Zip: 90051

Assessor's Parcel Number: 264-43-431 EPA# CAX000057240 SIC# 1442 3273

Former Business Name (If, changed from previous year): _____

No. of Employees: 35

****

Legal Owner: CAL MAT CO Mailing Address: P.O. Box 2950 TERMINAL ANNEX LOS ANGELES CA 90051

Contact Person: JOHN BENNETT Title: DIR. ENVIR MATTERS Phone No.: (213) 6802316

Emergency Contact Person: RAWLEIGH TOUGAS Title Prod MGR Phone No.: 714-797-7562

Address: 12548 CALIF ST YUCAIPA 24 Hr. Phone No.: " " "

DO YOU HAVE ANY OTHER PERMITS ISSUED BY THE COUNTY OF SAN BERNARDINO?

Yes ____ (List Below) No ____

HOW MANY UNDERGROUND STORAGE TANKS DOES THIS FACILITY HAVE? 4

****

TYPES OF WASTES GENERATED (Use additional sheet if necessary)	VOLUME PER MONTH	DISPOSAL METHOD
WST OIL	VARIES	RECYCLER

NAME(s) OF ~~HAULER~~/RECYCLER: AZTEC OIL / DEMENNO-KERDOON

YOUR PERMIT WILL EXPIRE ON [redacted] FEB 28 OF EACH YEAR.

I declare under penalty of perjury that the information provided herein is true and correct to the best of my knowledge.

John Bennett 2-1-85

Signature Date

FORWARD TO: Department of Environmental Health Services
Hazardous Waste/Toxics Control
385 North Arrowhead Avenue
San Bernardino, CA 92415

County Use ONLY

DOR: 02-14-85

Amt. Rcv'd: $160.00 Ck #: 227445

MFR#: 220086 Permit #: 128899

RCV'D BY: Dop

228701

64

HEALTH INSPECTION FEE RECEIPT

THIS IS NOT A PERMIT TO OPERATE

COUNTY OF SAN BERNARDINO, CALIFORNIA

No. 119561

DATE: 2-16-84

PERMIT EXPIRES: 2-16-85

Fee Paid $ 150.00

TYPE: Haz Waste Generator

THIS RECEIPT, when properly countersigned, certifies payment of the sum shown above for the San Bernardino County Environmental Health Services Department inspection fee.

DIST/MFR: 22086

Employees:

☐ S.C./☐ S.F. 25

Location:
2400 W. Highland Avenue
San Bernardino, CA 92405

COUNTER RECEIPT ☐

CHECK ☐

CASH ☐

M.O. ☐

NAME
D.B.A. CONROCK CO., San Bernardino
ADDRESS P.O. Box 2950 Terminal Annex
CITY & STATE Los Angeles, CA 90051

By: _____

THIS IS AN INSPECTION FEE RECEIPT
TRIPLICATE AUDITOR'S COPY

Ⓟ M

Submit to:
San Bernardino County Department of Environmental Health Services
385 N. Arrowhead, San Bernardino, CA 92415

JAN 25 1984
~~JAN 20 1984~~

HAZARDOUS WASTE GENERATOR PERMIT APPLICATION

CONROCK CO. San Bernardino Facility (Installation) Name	1442 3273 SIC #, if known
P.O. Box 2950 Terminal Annex, Los Angeles, CA 90051 Mailing Address	CAX000057240 EPA #, if known
2400 West Highland Avenue, San Bernardino, CA 92405 Facility Address (if different from mailing address)	25 # of Employees
Mr. Rawleigh Tougas Contact Person	875-1150 Facility Phone # / Facility Phone #
CONROCK CO. Owner Name	

TYPES OF WASTES GENERATED (see list) (give specific chemical names, if known)	VOLUME PER MONTH (Pounds or Gallons)	DISPOSAL METHOD (see list/enter #)
Waste oil & solvent	varies	6 recycler

(ADD ADDITIONAL SHEET, IF NECESSARY)

Does your facility have underground storage of hazardous wastes? YES X NO ____

Does your facility have underground storage of hazardous material? YES X NO ____

Mr. Rawleigh Tougas Person to be Contacted in Case of Emergency	Mgr. Production Position
(714) 797-7562 Phone # / After Hrs. Phone # (CONF.)	

I declare, under penalty of perjury, the information provided herein is true and correct to the best of my knowledge.

John H. Bennett — 2-13-84
Signature / Date

Mgr. Environmental Affairs — (213)258-2777
Title / Phone #

COUNTY USE ONLY

DATE 2/16/84
AMOUNT $150.00
~~RECEIPT~~ Check NO. 197440
BY: CSB

PAID

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/89

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER

FEE PAID $75.00

CAL MAT CO.
DBA CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

(213) 466-5175 (805) 498-6756 (714) 942-3113

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO CAL MAT CO.
(213) 680-2316 2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

< ✓ > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O J BENNETT
(213) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

LEGAL OWNER INFO CAL MAT CO.
(2) 30-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

IS THIS A TRANSFER? no

IF YES: FORMER ESTABLISHMENT NAME _____
FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER ✓APPLICANT

OFFICE USE ONLY
EST NBR 86008958
PERMIT NBR 8701071107
FORMER EST NBR _____
PERMIT CATEGORY 226003
EXPIR DATE 04/30/88
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0000
MFR NBR
APN
PERMIT FEE 75.00
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D 75.00

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

SIGNED _____ DATED 4/14/87 TITLE Dir Envir Matters

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

Vulcan
Materials Company

FLOYD SIBOLE
Plant Manager
Western Division

2400 W. HIGHLAND AVENUE • SAN BERNARDINO, CA 92407
PHONE 909-875-1150 EXT 223 • FAX 909-873-0658 • CELL 909-841-1081
www.vulcanmaterials.com E-MAIL sibolef@vmcmail.com

Vulcan
Materials Company

STEVE HALLMARK
Production Foreman
Western Division

2400 W. HIGHLAND AVENUE • SAN BERNARDINO, CA 92407
PHONE 909-875-1150 • FAX 909-873-0658 • CELL 909-361-1868
www.vulcanmaterials.com EMAIL hallmarkst@vmcmail.com

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

CERTIFICATE OF COMPLIANCE

Return certification to inspector KARL WENDT within 30 days of inspection unless otherwise specified.

RESPONDENT: Floyd Sibole

VIOLATION(S) CITED ON: 10/31/2018

FACILITY NAME: VULCAN MATERIALS WEST DIVISION FACILITY ID: FA0001676

SITE ADDRESS: 2400 W HIGHLAND AVE CERS ID:10036714

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407

Summary of Violations:

IMPORTANT- Enclose all requested documentation when returning this certification.

W313 CORRECTIVE ACTION: Sign the Certificate of Compliance in attestation that all hazardous waste has been transported off site that has exceeded the facility's accumulation time frame. The accumulation time frame for this facility was 90 days at the time of the inspection.

I certify under penalty of law that:

- Respondent has corrected violations specified in the above-entitled action.
- I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- I am authorized to file this certification on behalf of the Respondent.
- I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

SIGNATURE	DATE 11-9-18
PRINT NAME John Imke	TITLE Env Specialist.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD981569579
2. Page 1 of: 1
3. Emergency Response Phone: (800) 424-9300
4. Manifest Tracking Number: 018193915 JJK

GENERATOR

5. Generator's Name and Mailing Address: VULCAN MATERIALS CO. 500 N. BRAND BLVD STE. 500 GLENDALE CA 91203
Generator's Phone: 909 875-1150
Generator's Site Address (if different than mailing address): 2400 W. HIGHLAND SAN BERNARDINO CA 92405

6. Transporter 1 Company Name: WORLD OIL ENVIRONMENTAL SERVICES
U.S. EPA ID Number: CAD983770936

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: PACIFIC RESOURCE RECOVERY 3150 E. PICO BLVD. LOS ANGELES CA 90033
Facility's Phone: (800)499-7145
U.S. EPA ID Number: CAD009252405

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. UN1263, WASTE PAINT RELATED MATERIAL, 3 PGII	1	DM	1	G	D001	342	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1455 TRUCK #622
EMERGENCY CONTACT: CHEMTREC 1-800-424-9300 WOES TERMINAL: FONTANA NAERG# 981: 139 * PROFILE# 981 : 16100919 WASTE PAINT/SOLVENT * P500-00065642 * APPROPRIATE PPE EQUIPMENT

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: PAUL ERICK
Signature:
Month: 11 Day: 20 Year: 19

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Cameron Robinson
Signature:
Month: 11 Day: 19 Year: 19

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: PAUL ERICK
Signature:
Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **GENERATOR'S INITIAL COPY**

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

CUPA COMPLIANCE INSPECTION REPORT

NAME: **VULCAN MATERIALS WEST DIVISION** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** INSPECTION DATE: **10/31/2018**

Consent granted by:

☒ **photograph** ☒ **inspect** **Name:** Floyd Sibole **Title:** Plant Manager

An inspection was conducted on 10/31/2018 to determine compliance with applicable hazardous materials and hazardous waste laws and regulations. Floyd Sibole, Plant Manager, was the facility escort for the duration of the inspection. Steve Hallmark, Foreman, was also present for the duration of the inspection.

This facility mines aggregate for use in concrete production. The hazardous materials stored on site include gasoline utilized to operate vehicles and equipment, compressed gas cylinders utilized in welding processes, and automotive lubricants and fluids utilized in the routine maintenance and repair of facility operated vehicles and equipment. Hazardous waste is generated on site as a result of routine maintenance and repair of facility operated vehicles and equipment, and from an aerosol can puncturing process. This facility also maintains hazardous materials and hazardous waste in underground storage tanks (UST); this inspection did not cover any portion of the UST program.

Inventory:

-Consistent with the hazardous materials inventory submitted via the California Environmental Reporting System (CERS) on 10/31/2018

Document Review:

-Applicable CUPA permits are current; expiration date of 10/31/2019

-This facility has submitted a Hazardous Materials Business Plan via CERS on 06/25/2018. This facility has an established CERS ID number: 10036714

-This facility has an established and active EPA ID number. EPA ID number is CAD981568579

-Hazardous waste disposal records were available for review at the time of inspection. Asbury Environmental is the hazardous waste transporter utilized by this facility. The facility generates ~285 gallons used lubricating oil and ~900 pounds of oily debris per calendar month. The last hazardous waste transport occurred on 10/04/2018.

-Applicable hazardous materials training is conducted for employees that handle hazardous materials. Training documentation was available.

-Applicable hazardous waste training is conducted for employees that handle hazardous waste. Training documentation was available.

-Weekly inspections of the hazardous waste storage area were discussed.

-A Spill Prevention, Control, and Countermeasures Plan (SPCC Plan) was available for review at the time of the inspection. Professional Engineer certification provided by James Dill on 12/17/2015, and management certification was provided by Floyd Sibole, Plant Manager, on 08/11/2016. Training and Container inspection were conducted per SPCC Plan requirements.

Submit the completed Certificate of Compliance (CofC) provided along with all requested documentation, to this Division within 30 days of receipt of this report.

Notes:

This facility utilized a waste aerosol can puncturing device at the time of the inspection. As a part of utilizing this type of device, this facility is required to notify the local CUPA of such processes. Notification of this type of process has not been made to this CUPA. This facility needs to make notification of this process to the CUPA, or provide a signed statement indicating this process will no longer occur at the facility. Informational documentation will be provided with the delivery of this report.

Please contact Karl Wendt at (909) 386-8[illegible] by email at kwendt@sbcfire.org with any quest[illegible] egarding this report.

If you have any questions regarding CERS, please call the CERS Help Line at (909) 386-8432.

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapters 6.5, 6.67 and 6.95 of the California Health Safety Code (CHSC), and Division 3 of Title 2 of the San Bernardino County Code (SBCC). The following lines marked in the V column are violations that must be corrected.

VIOLATION CODE	DESCRIPTION	SECTION		V	
40	**ABOVE GROUND PETROLEUM STORAGE TANK(SPCC)**				
A101	APSA Fee	CHSC	25270.6(b)		
A102	Annual Tank Facility Statement or Business Plan	CHSC	25270.6(a)(1), 25270.6(a)		
A103	Release Reporting	CHSC	25270.8		
A110	SPCC Plan prepared	CHSC	25270.4.5(a)		
A111	Implementation of SPCC Plan	CHSC	25270.4.5(a)		
A113	Qualified Facility - Certification of SPCC Plan	CHSC	25270.4.5(a)		
A114	Tier I - Certification of Technical Amendments	CHSC	25270.4.5(a)		
A115	Tier I - Overfill prevention	CHSC	25270.4.5(a)		
A116	Tier I - Bulk storage container sized secondary containment	CHSC	25270.4.5(a)		
A117	SPCC Plan complete	CHSC	25270.4.5(a)		
A118	Tier I - Overfill prevention	CHSC	25270.4.5(a)		
A119	Tier I - Failure Analysis-Direction and Amount of Flow	CHSC	25270.4.5(a)		
A120	SPCC Plan available onsite	CHSC	25270.4.5(a)		
A121	Five-year SPCC Plan Review and Documentation of the Review	CHSC	25270.4.5 (a)		
A122	SPCC plan amended as necessary	CHSC	25270.4.5(a)		
A123	Implementation of SPCC Plan Amendments	CHSC	25270.4.5(a)		
A124	SPCC Plan meets basic requirements	CHSC	25270.4.5(a)		
A125	SPCC Plan Discussion of Conformance with Requirements	CHSC	25270.4.5(a)		
A126	Designated Person	CHSC	25270.4.5(a)		
A130	Facility Description	CHSC	25270.4.5(a)		
A131	Discharge prevention measures	CHSC	25270.4.5(a)		
A132	Countermeasures for discharge discovery, response, and cleanup	CHSC	25270.4.5(a)		
A133	Discharge reporting procedures	CHSC	25270.4.5(a)		
A134	Discharge response procedures	CHSC	25270.4.5(a)		
A135	General Containment Description	CHSC	25270.4.5(a)		
A136	Oil type and storage capacity of storage containers	CHSC	25270.4.5(a)		
A137	Bulk Storage Containers	CHSC	25270.4.5(a)		
A138	Tanks compatible with stored materials	CHSC	25270.4.5(a)		
A139	Permanently Closed Tanks	CHSC	25270.4.5(a)		
A140	General Containment	CHSC	25270.4.5(a)		
A141	Containment for qualified oil-filled operational equipment	CHSC	25270.4.5(a)		
A142	Leaks immediately addressed and oil promptly removed	CHSC	25270.4.5(a)		
A143	Integrity testing and inspection procedures	CHSC	25270.4.5(a)		
A144	Tanks Inspected and/or Integrity Tested	CHSC	25270.4.5(a)		
A145	Tanks inspected and/or tested by qualified person	CHSC	25270.4.5(a)		
A146	Employee training requirements	CHSC	25270.4.5(a)		
A147	Spill prevention briefings	CHSC	25270.4.5(a)		
A148	Employee Training and Spill Prevention Briefings Description	CHSC	25270.4.5(a)		
A149	Written records of tank inspections and integrity testing	CHSC	25270.4.5(a)		
A150	Facility Security Description	CHSC	25270.4.5(a)		
A151	Facility security measures	CHSC	25270.4.5(a)		
A152	Facility drainage adequately discussed	CHSC	25270.4.5(a)		
A153	Drainage from diked storage areas	CHSC	25270.4.5(a)		
A154	Valves for Drainage of Diked Areas	CHSC	25270.4.5(a)		
A155	Drainage inspections and valves	CHSC	25270.4.5(a)		
A156	Drainage records	CHSC	25270.4.5(a)		
A157	Corrosion Protection	CHSC	25270.4.5(a)		
A158	Inspection of Aboveground Piping	CHSC	25270.4.5(a)		
A159	Testing of Buried Piping	CHSC	25270.4.5(a)		
A161	Conditions of a Qualified Facility	CHSC	25270.4.5(a)		
A166	Secondary Containment and Leak Detection for TIUGA Piping		Multiple		
A202	Tier II - Certification of Alternative Measures by Professional Engineer	CHSC	25270.4.5(a)		
A203	Tier II - Professional Engineer Attestations	CHSC	25270.4.5(a)		

A204	Tier II - Certification of Technical Amendments	CHSC	25270.4.5(a)		
A210	SPCC contains an adequate facility diagram	CHSC	25270.4.5(a)		
A211	Disposal methods	CHSC	25270.4.5(a)		
A212	Discharge Prediction	CHSC	25270.4.5(a)		
A213	Equivalent environmental protection	CHSC	25270.4.5(a)		
A214	Impracticability claims of appropriate containment clearly explained and certified	CHSC	25270.4.5(a)		
A215	Secondary Containment Impracticability- Testing	CHSC	25270.4.5(a)		
A216	Oil spill contingency plan prepared when claiming impracticability	CHSC	25270.4.5(a)		
A217	Written commitment of manpower, equipment, materials when claiming impracticability	CHSC	25270.4.5(a)		
A218	Overfill Prevention	CHSC	25270.4.5(a)		
A220	SPCC adequately discusses facility tank car and tank truck loading/unloading rack	CHSC	25270.4.5(a)		
A221	Secondary containment at loading/unloading racks	CHSC	25270.4.5(a)		
A222	Warning to prevent vehicular departure at loading/unloading rack	CHSC	25270.4.5(a)		
A224	Lift Pumps for Treated Drainage Water	CHSC	25270.4.5(a)		
A225	Sized secondary containment	CHSC	25270.4.5(a)		
A226	Mobile or portable storage container positioning and sized containment	CHSC	25270.4.5(a)		
A227	Mobile or portable tank positioning	CHSC	25270.4.5(a)		
A228	Drainage from undiked areas	CHSC	25270.4.5(a)		
A229	Diked areas sufficiently impervious to oil	CHSC	25270.4.5(a)		
A230	Steam Return/Exhaust Monitored	CHSC	25270.4.5(a)		
A231	Risk Analysis- Field constructed tanks	CHSC	25270.4.5(a)		
A232	Overfill Prevention Implementation	CHSC	25270.4.5(a)		
A233	Liquid level sensing devices tested	CHSC	25270.4.5(a)		
A234	Observation of Effluent Discharge to Navigable Waters	CHSC	25270.4.5(a)		
A235	Inspection and/or Repair of Buried Piping	CHSC	25270.4.5(a)		
A236	Protection of Buried Piping	CHSC	25270.4.5(a)		
A237	Standby piping	CHSC	25270.4.5(a)		
A238	Pipe supports	CHSC	25270.4.5(a)		
A239	Warning to Vehicles About Aboveground Piping	CHSC	25270.4.5(a)		
A301	Professional engineer certification	CHSC	25270.4.5(a)		
A302	Professional engineer attestations	CHSC	25270.4.5(a)		
A303	Professional engineer certification of technical amendments	CHSC	25270.4.5(a)		
A304	Substantial Harm Criteria	CHSC	25270.4.5(a)		
A401	Conditionally Exempt Facility Conditions	CHSC	25270.4.5(b)		

VIOLATION CODE	DESCRIPTION	SECTION		V	
42	**HMRRP (HAZARDOUS MATERIALS HANDLER)**				
H201	Hazardous Material Handler Permit Current	SBCC	23.0602(a)		
H202	Hazardous Materials Business Plan Established and Implemented	CHSC	25507		
H203	Hazardous Materials Business Plan Submittal	CHSC	25505, 25508(a)(1)		
H204	Immediately report any release or threatened release of a hazardous material	CHSC	25510(a)		
H205	Facility access for inspection granted	CHSC	25511		
H206	Business Plan Annual Review/Certification	CHSC	25508(a)(1), 25508.2		
H209	Business plan update within 30 days of change	CHSC	25508.1(a)-(f)		
H210	Business Activities Page and/or Business Owner/Operator Identification Page	CHSC	25508(a)(1)		
H211	Hazardous materials inventory	CHSC	25505, 25506, 25508		
H212	Site map	CHSC	25505(a)(2), 25508(a)(1)		
H213	Emergency response plan	CHSC	25505(a)(3), 25508(a)(1)		
H214	Training Program not included and/or is not adequate		Multiple		
H215	Training Documentation	CHSC	25505(a)(4)		
H216	Business plan readily available	CHSC	25505.		
H220	Property owner notification	CHSC	25505.1		
H221	Property owner business plan	CHSC	25505.1		
H222	Agricultural handler emergency response plan	CHSC	25508(a)(1), 25507.1		
H223	Agricultural handler training program	CHSC	25508(a)(1), 25507.1		
H224	Remote unstaffed facility	CHSC	25505,25506,25507.2,255		
H225	Agricultural Handlers Warning Signs-Signs Posted		Multiple		

VIOLATION CODE	DESCRIPTION	SECTION		V	
44	**HAZARDOUS WASTE GENERATOR**				
0101	CUPA Hazardous Waste generator permit current	SBCC	23.0602(b)(1)		

W101	Hazardous Waste Generator CUPA P	SBCC	23.0602		
W102	Facility Access for Inspection	CHSC	25185		
W103	HWG: Hazardous Waste Determination	CCR	66262.11		
W104	HWG: Identification Number	CCR	66262.12		
W108	HWG: Excluded Recyclable Materials	CHSC	25143.2, 25143.9		
W110	HWG: Hazardous Waste Labeling Standards	CCR	66262.34(f)		
W111	HWG: Hazardous Waste Tank Label	CCR	66262.34(f)		
W117	HWG: Empty Containers >5 Gallons	CCR	66261.7		
W121	HWG: Quarantine Order	CHSC	25187.6		
W122	HWG: Reusable Soiled Textile Materials	CHSC	25144.6 (b)		
W124	HWG: Remote Consolidation Notification	CHSC	25110.10(d)		
W125	HWG: Preparation of the Hazardous Waste Manifest	CCR	66262.20		
W126	HWG: Hazardous Waste Manifest Completeness	CCR	66262.23(a)		
W127	HWG: Hazardous Waste Manifest Not Sent to DTSC	CCR	66262.23(a)(4)		
W128	HWG: Hazardous Waste Disposal Documentation	CCR	66262.40(a)		
W130	HWG: Maintaining Records of Test Result for Three Years	CCR	66262.40(c)		
W134	HWG: Used Oil Certification Form	CHSC	Multiple		
W136	HWG: Contamination of Used Oil	CHSC	25250.7		
W137	HWG: Consolidated Manifest	CHSC	25160.2		
W138	HWG: Used Oil and Fuel Filter and Handling Requirements	CCR	Multiple		
W139	HWG: Lead Battery Disposal Documentation	CCR	66266.81(a)(4)(B)		
W140	HWG: Management of Spent Vehicle Lead-Acid Batteries	CCR	66266.81(a)(1)		
W141	HWG: Management of 11 or More Spent Vehicle Lead-Acid Batteries	CCR	66266.81(a)(3)		
W142	HWG: Damaged Lead Battery Handling	CCR	66266.81(b)		
W145	HWG: Improper Disposal of Hazardous Waste	CHSC	25189.5(a), 25201(a)		
W148	HWG: Hazardous Waste Not Transported by Registered Hauler		Multiple		
W152	HWG: Excluded Recyclable Materials Report	CHSC	25143.10		
W155	HWG: Satellite Accumulation	CCR	66262.34(e)		
W156	HWG: Laboratory Waste	CHSC	25200.3.1(b)		
W157	HWG: Laboratory Waste Treatment	CHSC	25200.3.1 (c)		
W158	HWG: Program Data Electronic Report	CHSC	25404(e)(4)		
W159	HWG: Facility Information Reporting	SBCC	23.0602,23.0712		
W190	HWG: Land Disposal Restriction	CCR	Multiple		
W206	SQG: Facility Maintained to Prevent Fire/Explosion/Release	CCR	66262.34(d)(2)		
W207	SQG: Emergency Plan	CCR	66262.34(d)(2)		
W213	SQG: Time Exceeded for Hazardous Waste Conditional Accumulation (180 Days)		Multiple		
W214	SQG: Container in Poor Condition or Damaged	CCR	66262.34(d)(2)		
W216	SQG: Open Hazardous Waste Containers	CCR	66262.34(d)(2)		
W218	SQG: Acutely/Extremely Hazardous Waste Accumulation Time Exceeded (90 Days)		Multiple		
W227	SQG: Hazardous Waste Manifest Exception Reporting		Multiple		
W231	SQG: Employee Training	CCR	66262.34(d)(2)		
W238	SQG: Weekly Hazardous Waste Storage Area Inspection	CCR	66262.34(d)(2)		
W245	SQG: Hazardous Waste Container Incompatible with Material Stored	CCR	66262.34(d)(2)		
W249	SQG: Aisle Space	CCR	66262.34(d)(2		
W268	SQG: Incompatible Waste Storage	CCR	66262.34(d)(2)		
W269	SQG: Hazardous Waste Tank Spill Control/Overfill	CCR	66262.34(d)(2)		
W270	SQG: Daily Tank, Monitoring, and Discharge Inspection	CCR	66262.34(d)(2)		
W271	SQG: Weekly Hazardous Waste Tank Construction and System Fixture Inspection	CCR	66262.34(d)(2)		
W272	SQG: Hazardous Waste Facility Closure	CCR	66262.34(d)(2)		
W273	SQG: Tank 2ft Freeboard	CCR	66262.34(d)(2)		
W278	SQG: Hazardous Waste Minimization Certification	CCR	66262.27(b)		
W280	SQG: Emergency Coordinator	CCR	66262.34(d)(2)		
W281	SQG: Facility Emergency Equipment	CCR	66262.34(d)(2)		
W282	SQG: Emergency Equipment Maintenance	CCR	66262.34(d)(2)		
W306	LQG: Facility Maintained To Prevent Fire/Explosion/Release	CCR	66262.34(a)(4), 66265.31		
W307	LQG: Contingency Plan	CCR	66262.34(a)(4), 66265.51		
W308	LQG: Contingency Plan Copies	CCR	66262.34(a)(4), 66265.53		
W309	LQG: Contingency Plan Emergency Action Plan	CCR	66262.34(a)(4), 66265.52		

W313	**LQG: Hazardous Waste Accumulatic Exceeded**		Multiple	X	
Violation:	Failure to obtain a permit or grant of interim status after generator has accumulated hazardous waste on-site for longer than 90 days. 22 CCR 12 66262.34(a); CHSC 6.5 25123.3(b)(1), 25201				
CLASS 2	Observed (1) ~30 gallon drum containing waste discharged for the use of an aerosol can puncturing device, to have exceeded the accumulation time frame for this facility.				
	CORRECTIVE ACTION: Sign the Certificate of Compliance in attestation that all hazardous waste has been transported off site that has exceeded the facility's accumulation time frame. The accumulation time frame for this facility was 90 days at the time of the inspection.				
W314	LQG: Container in Poor Condition or Damaged	CCR	66262.34(a)(1), 66265.17		
W316	LQG: Open Hazardous Waste Container	CCR	66262.34(a)(1), 66265.17		
W318	LQG: Weekly Hazardous Waste Storage Areas Inspection	CCR	66262.34(a)(1), 66265.17		
W320	LQG: Hazardous Waste Tank Inspections	CCR	66262.34(a)(1), 66265.19		
W321	LQG: Hazardous Waste Tank Cathodic Inspection	CCR	66262.34(a)(1), 66265.19		
W324	LQG: Hazardous Waste Tank Equipment Replacement	CCR	66265.192(m)		
W325	LQG: Hazardous Waste Tank Release	CCR	66265.196		
W326	LQG: Tank Closure Requirements and Documentation	CCR	66265.111, 66265.114, 66		
W331	LQG: Employee Hazardous Waste Training	CCR	66262.34(a)(4), 66265.1		
W332	LQG: Source Reduction Evaluation Review and Plan	CCR	67100.7, 67100.8		
W333	LQG: Summary Progress Report	CCR	67100.9		
W334	LQG: Source Reduction Implementation	CCR	67100.5		
W340	LQG: Hazardous Waste Minimization Certification	CCR	66262.27(a)		
W345	LQG: Hazardous Waste Container Incompatible with Material Stored	CCR	66262.34(a)(1), 66265.17		
W349	LQG: Aisle Space	CCR	66262.34(a)(4), 66265.35		
W350	LQG: New Hazardous Waste Tank System P.E. Certification	CCR	66262.34(a)(1), 66265.19		
W351	LQG: Reassessment for Hazardous Waste Tank System P.E. Certification	CCR	66265.192(h)		
W352	LQG: New Tank Assessment Standards	CCR	66265.192(k)		
W353	LQG: Hazardous Waste Tank Standards	CCR	66262.34(a)(1), 66265.19		
W354	LQG: Secondary Containment	CCR	66262.34(a)(1), 66265.19		
W368	LQG: Incompatible Waste Storage	CCR	Multiple		
W369	LQG: Air Emissions for Waste in Containers	CCR	Multiple		
W371	LQG: Air Emissions for Wastes in Tanks	CCR	66262.34(a)(1), 66265.20		
W378	LQG: Hazardous Waste Manifest Exception Reporting	CCR	66262.42(a), (b), (d)		
W380	LQG: Emergency Coordinator	CCR	66262.34(a)(4), 66265.55		
W381	LQG: Facility Emergency Equipment	CCR	66262.34(a)(4), 66265.32		
W382	LQG: Emergency Equipment Maintenance	CCR	66262.34(a)(4), 66265.33		
W501	Certified Appliance Recycler: Certification	CHSC	25211.4		
W502	Certified Appliance Recycler: Certification	CHSC	25211.2, 25211.3		
W503	Certified Appliance Recycler: Materials that Require Special Handling (MRSH) properly managed	CHSC	25211.3, 25212, 25212(c)		
W504	Certified Appliance Recycler: Proper Removal of Materials that Require Special Handling (MRSH)	CHSC	25211.3, 25212(a)		
W901	Universal Waste Handler: Permit	SBCC	23.0602(B)(1)		
W902	Universal Waste Handler: Labeling Requirements	CCR	66273.34		
W903	Universal Waste Handler: Accumulation Time	CCR	66273.35		
W904	Universal Waste Handler: Employee Training	CCR	66273.36		
W907	Universal Waste: Accumulation of Aerosol Cans	CHSC	25201.16(f)		
W908	Universal Waste: Handling of Aerosol Cans	CHSC	25201.16(e)		
W911	Universal Waste Handler: Department Notification	CCR	66273.32(c)		
W912	Universal Waste Handler: Annual Report	CCR	66273.32(d)		
W913	Universal Waste Handler: Release	CCR	66273.33.5		
W914	Universal Waste Handler: USEPA Notification	CCR	66273.32(a)		
W915	Universal Waste Handler: Exporting Notification	CCR	66273.40(a)(3) and (4)		
W920	Universal Waste Handler: Illegal Disposal	CCR	66273.31(a)		
W923	Large Quantity Universal Waste Handler DTSC ID Number	CCR	66273.32(b)		

INSPECTED BY:	RECEIVED BY:	Signature Date Time: 10/31/18 3:35:19PM
		LTR:10/31/2018 3:33:45PM
KARL WENDT	Floyd Sibole	Plant Manager
NAME	NAME	TITLE
	INSPECTION DATE: 10/31/2018	REPORT DATE: 10/31/18 3:36 pm

[X] **This report shall serve as a notice to comply for minor violations and a notice of violation for all other violations. THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN 30 DAYS UNLESS OTHERWISE SPECIFIED. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

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CERTIFICATE OF COMPLIANCE

Return certification to inspector KARL WENDT within 30 days of inspection unless otherwise specified.

RESPONDENT: Floyd Sibole

VIOLATION(S) CITED ON: 10/31/2018

FACILITY NAME: **VULCAN MATERIALS WEST DIVISION** FACILITY ID: **FA0001676**

SITE ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407**

Summary of Violations:

IMPORTANT- Enclose all requested documentation when returning this certification.

W313 CORRECTIVE ACTION: Sign the Certificate of Compliance in attestation that all hazardous waste has been transported off site that has exceeded the facility's accumulation time frame. The accumulation time frame for this facility was 90 days at the time of the inspection.

I certify under penalty of law that:

- o Respondent has corrected violations specified in the above-entitled action.
- o I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- o Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- o I am authorized to file this certification on behalf of the Respondent.
- o I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

SIGNATURE DATE

PRINT NAME TITLE

PHOTO NARRATIVE

PHOTO 1



PHOTO 2



Facility/Case Name: Vulcan Materials West Division Facility ID #: 0001676

Address: 2400 W Highland Ave., San Bernardino 92407

1) Description: The sump leading to (1) 4500 gallon underground storage tank (UST) containing used lubricating oil. No violations associated with the depicted UST

2) Description: Hazardous waste labeling affixed to the structure adjacent to UST depicted in photo 1.

Date Taken: **10/31/2018**

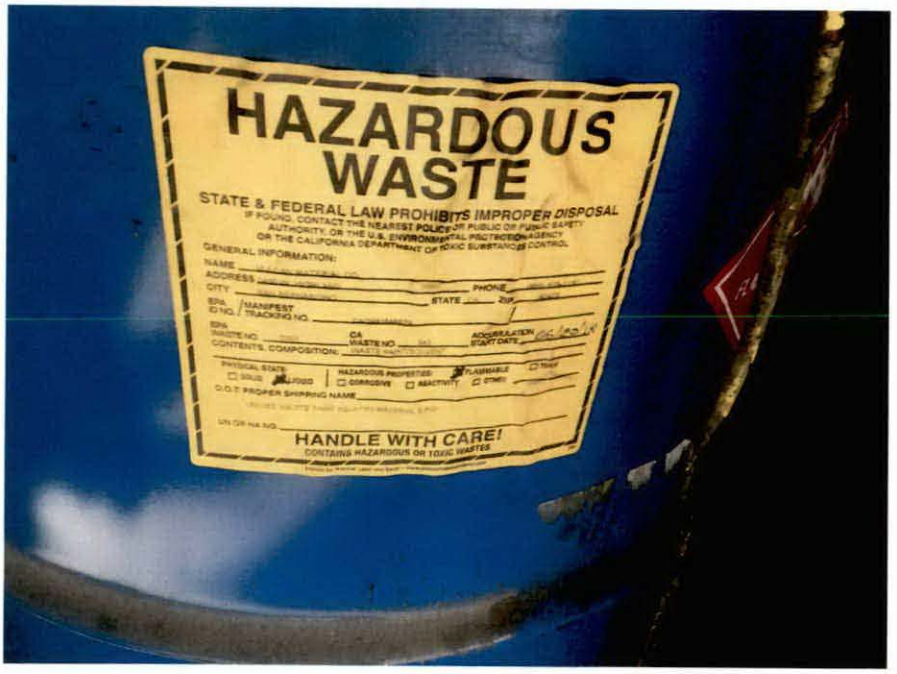
Taken By: **Karl Wendt** Signature:

PHOTO NARRATIVE

PHOTO 3



PHOTO 4



Facility/Case Name: Vulcan Materials West Division Facility ID #: 0001676

Address: 2400 W Highland Ave., San Bernardino 92407

3) Description: (1) ~30 gallon drum containing hazardous waste that is accumulated from a waste aerosol can puncturing process. This facility has not made notification of waste aerosol can treatment with this CUPA, and the contents of this drum has exceeded the accumulation time frame for this facility.

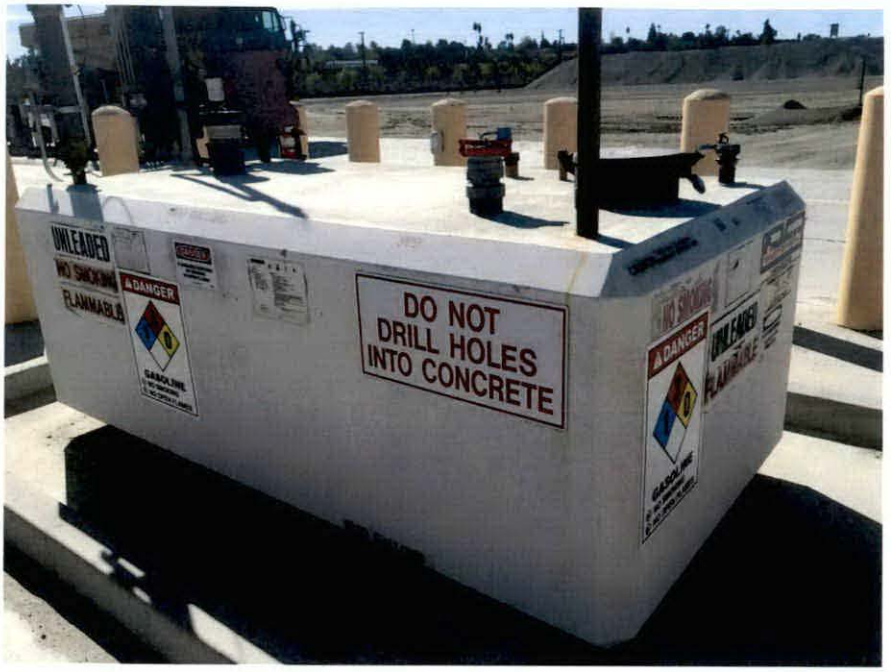
4) Description: Close up of the hazardous waste labeling affixed to the drum depicted in photo 3.

Date Taken: **10/31/2018**

Taken By: **Karl Wendt** Signature: _____

PHOTO NARRATIVE

PHOTO 5



Facility/Case Name:	Vulcan Materials West Division	Facility ID #:	0001676
Address:	2400 W Highland Ave., San Bernardino 92407		
5) Description:	(1) 1000 gallon aboveground storage tank (AST) containing gasoline. No violations associated with the depicted AST.		

Date Taken: **10/31/2018**

Taken By: **Karl Wendt**

Signature: _____

PHOTO NARRATIVE

Date Taken: **10/31/2018**

Taken By: **Karl Wendt**

Signature: _____

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CUPA COMPLIANCE INSPECTION REPORT

NAME: **VULCAN MATERIALS WEST DIVISION** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** INSPECTION DATE: **6/25/2018**

Inspector was given permission to: [X] photograph [X] inspect

Inspection Narrative (v020000)

PURPOSE AND PERSONNEL:

Annual Underground Storage Tank (UST) inspection conducted during Annual Monitoring Certification and Cold Start Final/Repair Job Card Sign off.

Consent to inspect and capture photographs granted by Floyd Sibole (Plant manager).

UST Contractor: Petrotech

UST Technician: Phillip Smith

Certifications: Current and appropriate for testing/repairs conducted

SITE DESCRIPTION:

Two spit Tanks- red diesel and clear diesel/waste oil/empty.

UST CONSTRUCTION/DESIGN AND MONITORING SYSTEMS

- Refer to the California Environmental Reporting System (CERS) Review.

DOCUMENTATION/VISUAL INSPECTION

- UST training conducted annually.
- Tank install date noted as 3/10/1987.
- Certificate of Financial Responsibility okay.
- Owner Letter okay.
- Last CUPA Generator and Handler inspection conducted on 6/13/14.
- Permits current with expiration 10/31/18.
- Monthly inspections documented and available for review.
- BOE #44011153 valid and current.

VISUAL INSPECTION/MONITORING CERT.:

- UST leak detection monitor programming was reviewed. No issues identified.
- All sensors functioning properly causing turbine shut down.
- Standalone sensors at UDC,s cause turbine shut down.
- ESO, Fail safe and sensor out cause turbine shut down and alarm at panel.
- ATG's Overfill Protection: Functional, cause visual/audible alarm at annunciator.
- No fuel alarm occurred in last 12 months.
- Spill buckets passed.

ADDITIONAL OBSERVATIONS/COMMENTS

Testing date reminders:

Last Monitoring Certification: 6/27/17

Annual monitoring system certifications are due within 365 days of test date. Annual Monitoring Certification conducted within required time frame. Next Certification due on or before 6/25/2019

-Last SB989 conducted: 1/26/18. Next SB989 due on or before 1/26/2021

Permits current, expire 10/31/18.

CALIFORINA ENVIRONMENTAL REPORTING SYSTEM (CERS) REVIEW FIELD VERIFICATION:

Facility Information: Submitted: 2/5/18-Reviewed/Accepted

Hazardous Materials Inventory: Submitted: 2/5/18-Not Accepted

Emergency Response and Training Plans: Submitted- 2/5/18: Reviewed/Accepted

Underground Storage Tanks: Submitted: 2/5/18-Reviewed/Accepted.

For questions regarding this inspection report, contact the inspector at botter@sbcfire.org.

Cold Start Final and Repair- All sUST Systems functional- Job Card signed off on this date.

The following lines marked in the V column are violations that must be corrected. Marked items in the N column require additional information to determine compliance.

VIOLATION CODE	DESCRIPTION	SECTION	V	N

41	UNDERGROUND STORAGE TANKS (UST)			
0301	Failure to obtain an underground storage tank (UST) permit for each UST	S.B. COUNTY CODE 23.0722(a)		
0303	Failure to complete and submit an application for a permit to operate a UST	CAL. HEALTH & SAFETY CODE 25286(a)		
0304	Failure to have UST monitoring and maintenance records available on site	C.C.R. TITLE 23 CH. 16 2712(b)		
0305	Failure to correct past UST violations within 30 days of receiving a UST inspection report	C.C.R. TITLE 23 CH. 16 2712(f)		
0306	Failure to establish a written agreement with the Operator of a UST to monitor the UST system	CAL. HEALTH & SAFETY CODE 25284(a)(3)(A)		
0307	Failure to maintain evidence of financial responsibility for a UST system	CAL. HEALTH & SAFETY CODE 25292.2(a)		
0308	Failure to submit change of ownership within 30 days from the date of the transfer of the UST	CAL. HEALTH & SAFETY CODE 25284(c)		
0309	Failure to properly monitor UST system as specified by the permit	CAL. HEALTH & SAFETY CODE 25293		
0310	Compatibility	C.C.R. TITLE 23 CH. 16 2631(j), 2631.1(b)		
0312	Failure to submit a signed Designated UST Operator Statement	C.C.R. TITLE 23 CH. 16 2715(a)		
0313	Failure to have monthly documented Designated UST Operator visual inspection reports	C.C.R. TITLE 23 CH. 16 2715(c)		
0314	Failure to affix a certification tag/sticker to each monitoring equipment component	C.C.R. TITLE 23 CH. 16 2638(f)		
0315	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2641(h)		
0317	Failure to certify the monitoring equipment annually	C.C.R. TITLE 23 CH. 16 2641(j)		
0318	Failure to have monitoring equipment located to properly detect a release	C.C.R. TITLE 23 CH. 16 2630(d)		
0322	Failure to test single-walled suction piping every 3 years	C.C.R. TITLE 23 CH. 16 2643(d)		
0323	Failure of secondary containment to prevent intrusion of liquid into sump/UDC(s)	CAL. HEALTH & SAFETY CODE 25291		
0324	Failure to install/maintain operational automatic line leak detector(s)	C.C.R. TITLE 23 CH. 16 2636(f)(2)		
0327	Failure to install/maintain an overfill prevention system	C.C.R. TITLE 23 CH. 16 2635(b)(2)		
0328	Failure to test the secondary containment systems	C.C.R. TITLE 23 CH. 16 2637(a)		
0329	Failure to meet the design, construction and monitoring requirements for "new" UST systems	C.C.R. TITLE 23 CH. 16 2630		
0331	Failure to certify the monitoring system annually	C.C.R. TITLE 23 CH. 16 2638(a)		
0333	Failure to annually test overspill containment structure	CAL. HEALTH & SAFETY CODE 25284.2		
0334	Failure to maintain a functioning audible and visual alarm	C.C.R. TITLE 23 CH. 16 2632(c)(2)(B)		
0335	Failure to install an approved emergency disconnect switch device (ESO)	CAL. FIRE CODE 2203.2		
0336	Failure to properly install, maintain and test approved emergency shutoff/shear valve at dispensers	CAL. FIRE CODE 2206.7.4		
0337	Failure to have approved portable fire extinguishers present and charged	CAL. FIRE CODE 2205.5		
0338	Failure to have approved address/building/identification numbers visible from the street	CAL. FIRE CODE 505.1		
0339	Failure to properly maintain Spill Container Drain Valve	C.C.R. TITLE 23 CH. 16 2635(b)(1)(C)		
0340	Failure to operate a UST system to prevent unauthorized release	CAL. HEALTH & SAFETY CODE 25292.1(a)		
0342	Unlawful abandonment of a UST system	CAL. HEALTH & SAFETY CODE 25298(a)		
0343	Failure to lawfully close a UST system	CAL. HEALTH & SAFETY CODE 25298(c)		
0344	Failure to temporarily close a UST system	CAL. HEALTH & SAFETY CODE 25298(b)		
0345	Failure of secondary containment to prevent intrusion of water into the system	CAL. HEALTH & SAFETY CODE 25290.1(c)(3)		
0346	Failure to meet the upgrade requirements for the UST system (existing)	CAL. HEALTH & SAFETY CODE 25292(d)		
0347	Unlawful deposit of petroleum into a Red-Tagged UST system	CAL. HEALTH & SAFETY CODE 25292.3(c)		
0349	Failure to implement an enhanced leak detection (ELD) program after notification	C.C.R. TITLE 23 CH. 16 2640(e)		
0354	Failure to conduct tank tests monthly using the Automatic Tank Gauging (ATG) (existing)	C.C.R. TITLE 23 CH. 16 2643(b)(1)		
0355	Failure to conduct monthly SIR in conjunction with a biennial UST integrity test	C.C.R. TITLE 23 CH. 16 2643(b)(3)		
0358	Failure to perform weekly manual tank gauging with UST integrity testing (existing)	C.C.R. TITLE 23 CH. 16 2645(b)		
0362	Failure to have a monthly test with an hourly PLLD on pressurized single-walled product pipe	C.C.R. TITLE 23 CH. 16 2643(c)(2)		
0363	Failure to conduct annual testing of the piping leak detection method	C.C.R. TITLE 23 CH. 16 2643(c)(3)		
0367	Failure to install a check valve directly below the suction pump	C.C.R. TITLE 23 CH. 16 2636(a)(3)(C)		
0368	Failure to conduct testing of the piping leak monitoring system on gravity fed piping	C.C.R. TITLE 23 CH. 16 2643(e)		
0369	Failure to have the cathodic protection system tested every three years	C.C.R. TITLE 23 CH. 16 2635(a)(2)(A)		
0370	Failure to inspect the impressed-current cathodic protection system every 60 days	C.C.R. TITLE 23 CH. 16 2635(a)(2)(A)		
0371	Failure to have interior lining inspected w/in 10 years of installation and every 5 years thereafter	C.C.R. TITLE 23 CH. 16 2663(h)		
0373	Failure to submit the monitoring system certification report within 30 days of test completion	C.C.R. TITLE 23 CH. 16 2638(d)		
0374	Failure to report an unauthorized release that has escaped the UST secondary containment	CAL. HEALTH & SAFETY CODE 25295(a)(1)		
0375	Failure to meet design, construction and monitoring requirements for tank(s) installed prior to 1984	C.C.R. TITLE 23 CH. 16 2640		
0378	Failure to install/maintain approved monitoring equipment for existing UST system(s)	C.C.R. TITLE 23 CH. 16 2641(a)		

0379	Monitoring Plan Approval	C.C.R. TITLE 23 CH. 16 2632(d)(1)		
0380	Response Plan Approval	C.C.R. TITLE 23 CH. 16 2632(d)(2)		
0399	Failure to obtain a UST construction permit and plan approval	S.B. COUNTY CODE 23.0603(a)		

INSPECTED BY:	RECEIVED BY:	Signature Date Time: 6/25/18 11:07:37AM LTR:6/25/2018 11:03:56AM
BRIAN OTTER	Floyd Sibole	Plant Manager
NAME	NAME INSPECTION DATE: 06/25/2018	TITLE PRINTED ON: 6/25/18 11:14 am

NOTICE OF VIOLATION: THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN THE SPECIFIED TIMEFRAME. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION.

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CUPA COMPLIANCE INSPECTION REPORT

NAME: **VULCAN MATERIALS WEST DIVISION** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** INSPECTION DATE: **6/27/2017**

Inspector was given permission to: [X] photograph [X] inspect

Inspection Narrative (v020000)

An annual UST inspection with monitoring system certification was conducted. Rick Teran, Assistant Plant Manager, granted consent to the inspection. Phillip Smith, with Petrotech Service, was the technician on site with the following certifications verified:

-ICC UST Service Technician #5263352 expires 9/9/2017
-Veeder Root Technician Level 4 #A30819 expires 2/8/2018
-Vaporless#3231 expires 1/20/2019

UST system consists of:
-(1) – 20,000 gallon diesel double walled tank
-(1) – 12,000 gallon diesel double walled tank
-(1) – 3,500 gallon motor oil double walled tank
-(1) – 4,500 gallon waste oil double walled tank
-(3) – UDCs
*Note: the 12k diesel, motor oil and waste oil tanks are a 3 compartment tank with shared annular.
Tanks: Joor

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM ELEMENTS (CERS) REVIEWED:
-FACILITY INFORMATION: submitted 4/13/2017 – Reviewed and Approved
-UNDERGROUND STORAGE TANKS: submitted 4/13/2017 – Reviewed and Not Approved
- See Violation #0303 for return to compliance requirements.

Documents Reviewed:
-Permits current.
-UST Designated Operator reports on site.
-Board of Equalization Number (BOE) # 44011153 valid.
-Previous Monitoring System Certification was on 6/29/2016.
-Previous Secondary Containment (SB989) Test was on 1/20/2015. Next SB989 Test will be due on or before 1/20/2018.

UST sensors/components tested:
-STP/Fill/Piping sump sensors (VR208) –Pass
-Annulars (VR420) –Pass
-Mechanical Line Leak Detectors – Pass
-UDC's (VR208) –Pass
-Spill Buckets (1 hour visual water test) – Pass
-Failsafe –Pass
-Sensor Out –Pass
-ESO –Pass
-Overfill Prevention (ATG's for the fuel tanks and VR420 for the Motor Oil/Used Oil tanks) – Pass

Correct all violations immediately within the time frames specified in this report.

Sign, date and submit copy of the "Certificate of Compliance" page at the end of this report upon correction of all violations.

*Note: If you have any questions regarding CERS, please call the CERS Help Line at (909) 386-8432.

The following lines marked in the V column are violations that must be corrected. Marked items in the N column require additional information to determine compliance.

VIOLATION CODE	DESCRIPTION	SECTION	V	N
41	**UNDERGROUND STORAGE TANKS (UST)**			
0301	Failure to obtain an underground storage tank (UST) permit for each UST	S.B. COUNTY CODE 23.0722(a)		

0303	Failure to complete and submit application for a permit to operate a UST	CAL. HEALTH & SAFETY CODE 25286(a)	X	
Violation:	Owner/Operator shall complete and submit the required UST permit application.			
Correction:	Complete and submit a UST permit application for the facility and each UST system.			
Observation:	TANK INFORMATION AS PART OF THE UST APPLICATION ON LINE IN THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) WAS DEFICIENT AS FOLLOWS: -TANK #2 - MISSING TANK INSTALLATION DATE -TANK #3 - MISSING TANK INSTALLATION DATE -TANK #4 - MISSING TANK INSTALLATION DATE *NOTE: ALL THREE TANKS IS A 3 COMPARTMENT TANK WHICH WILL HAVE THE SAME TANK INSTALLATION DATE. UPDATE TANK INFORMATION ON LINE IN CERS ADDRESSING THE ABOVE DEFICIENCIES WITHIN 30 DAYS. Comply by date: **7/27/2017**			
0304	Failure to have UST monitoring and maintenance records available on site	C.C.R. TITLE 23 CH. 16 2712(b)		
0305	Failure to correct past UST violations within 30 days of receiving a UST inspection report	C.C.R. TITLE 23 CH. 16 2712(f)		
0306	Failure to establish a written agreement with the Operator of a UST to monitor the UST system	CAL. HEALTH & SAFETY CODE 25284(a)(3)(A)		
0307	Failure to maintain evidence of financial responsibility for a UST system	CAL. HEALTH & SAFETY CODE 25292.2(a)		
0308	Failure to submit change of ownership within 30 days from the date of the transfer of the UST	CAL. HEALTH & SAFETY CODE 25284(c)		
0309	Failure to properly monitor UST system as specified by the permit	CAL. HEALTH & SAFETY CODE 25293		
0312	Failure to submit a signed Designated UST Operator Statement	C.C.R. TITLE 23 CH. 16 2715(a)		
0313	Failure to have monthly documented Designated UST Operator visual inspection reports	C.C.R. TITLE 23 CH. 16 2715(c)		
0314	Failure to affix a certification tag/sticker to each monitoring equipment component	C.C.R. TITLE 23 CH. 16 2638(f)		
0315	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2641(h)		
0317	Failure to certify the monitoring equipment annually	C.C.R. TITLE 23 CH. 16 2641(j)		
0318	Failure to have monitoring equipment located to properly detect a release	C.C.R. TITLE 23 CH. 16 2630(d)		
0322	Failure to test single-walled suction piping every 3 years	C.C.R. TITLE 23 CH. 16 2643(d)		
0323	Failure of secondary containment to prevent intrusion of liquid into sump/UDC(s)	CAL. HEALTH & SAFETY CODE 25291		
0324	Failure to install/maintain operational automatic line leak detector(s)	C.C.R. TITLE 23 CH. 16 2636(f)(2)		
0327	Failure to install/maintain an overfill prevention system	C.C.R. TITLE 23 CH. 16 2635(b)(2)		
0328	Failure to test the secondary containment systems	C.C.R. TITLE 23 CH. 16 2637(a)		
0329	Failure to meet the design, construction and monitoring requirements for "new" UST systems	C.C.R. TITLE 23 CH. 16 2630		
0330	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2632(d)		
0331	Failure to certify the monitoring system annually	C.C.R. TITLE 23 CH. 16 2638(a)		
0333	Failure to annually test overspill containment structure	CAL. HEALTH & SAFETY CODE 25284.2		
0334	Failure to maintain a functioning audible and visual alarm	C.C.R. TITLE 23 CH. 16 2632(c)(2)(B)		
0335	Failure to install an approved emergency disconnect switch device (ESO)	CAL. FIRE CODE 2203.2		
0336	Failure to properly install, maintain and test approved emergency shutoff/shear valve at dispensers	CAL. FIRE CODE 2206.7.4		
0337	Failure to have approved portable fire extinguishers present and charged	CAL. FIRE CODE 2205.5		
0338	Failure to have approved address/building/identification numbers visible from the street	CAL. FIRE CODE 505.1		
0339	Failure to properly maintain Spill Container Drain Valve	C.C.R. TITLE 23 CH. 16 2635(b)(1)(C)		
0340	Failure to operate a UST system to prevent unauthorized release	CAL. HEALTH & SAFETY CODE 25292.1(a)		
0342	Unlawful abandonment of a UST system	CAL. HEALTH & SAFETY CODE 25298(a)		
0343	Failure to lawfully close a UST system	CAL. HEALTH & SAFETY CODE 25298(c)		
0344	Failure to temporarily close a UST system	CAL. HEALTH & SAFETY CODE 25298(b)		
0345	Failure of secondary containment to prevent intrusion of water into the system	CAL. HEALTH & SAFETY CODE 25290.1(c)(3)		
0346	Failure to meet the upgrade requirements for the UST system (existing)	CAL. HEALTH & SAFETY CODE 25292(d)		
0347	Unlawful deposit of petroleum into a Red-Tagged UST system	CAL. HEALTH & SAFETY CODE 25292.3(c)		
0349	Failure to implement an enhanced leak detection (ELD) program after notification	C.C.R. TITLE 23 CH. 16 2640(e)		
0354	Failure to conduct tank tests monthly using the Automatic Tank Gauging (ATG) (existing)	C.C.R. TITLE 23 CH. 16 2643(b)(1)		
0355	Failure to conduct monthly SIR in conjunction with a biennial UST integrity test	C.C.R. TITLE 23 CH. 16 2643(b)(3)		
0358	Failure to perform weekly manual tank gauging with UST integrity testing (existing)	C.C.R. TITLE 23 CH. 16 2645(b)		
0362	Failure to have a monthly test with an hourly PLLD on pressurized single-walled product pipe	C.C.R. TITLE 23 CH. 16 2643(c)(2)		
0363	Failure to conduct annual testing of the piping leak detection method	C.C.R. TITLE 23 CH. 16 2643(c)(3)		
0367	Failure to install a check valve directly below the suction pump	C.C.R. TITLE 23 CH. 16 2636(a)(3)(C)		
0368	Failure to conduct testing of the piping leak monitoring system on gravity fed piping	C.C.R. TITLE 23 CH. 16 2643(e)		
0369	Failure to have the cathodic protection system tested every three years	C.C.R. TITLE 23 CH. 16 2635(a)(2)(A)		
0370	Failure to inspect the impressed-current cathodic protection system every 60 days	C.C.R. TITLE 23 CH. 16 2635(a)(2)(A)		

0371	Failure to have interior lining in d w/in 10 years of installation and every 5 years thereafter	C.C.F E 23 CH. 16 2663(h)		
0373	Failure to submit the monitoring system certification report within 30 days of test completion	C.C.R. TITLE 23 CH. 16 2638(d)		
0374	Failure to report an unauthorized release that has escaped the UST secondary containment	CAL. HEALTH & SAFETY CODE 25295(a)(1)		
0375	Failure to meet design, construction and monitoring requirements for tank(s) installed prior to 1984	C.C.R. TITLE 23 CH. 16 2640		
0378	Failure to install/maintain approved monitoring equipment for existing UST system(s)	C.C.R. TITLE 23 CH. 16 2641(a)		
0399	Failure to obtain a UST construction permit and plan approval	S.B. COUNTY CODE 23.0603(a)		

INSPECTED BY:	RECEIVED BY:	Signature Date Time: 6/27/17 9:37:40AM
		LTR:6/27/2017 9:04:55AM
ADRIAN SAGUAN	RICK TERAN	ASSISTANT PLANT MANAGER
NAME ICC#8019654	NAME INSPECTION DATE: 06/27/2017	TITLE PRINTED ON: 6/27/17 9:38 am

[X] **NOTICE OF VIOLATION: THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN THE SPECIFIED TIMEFRAME. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION.**

CUPA
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CERTIFICATE OF COMPLIANCE

Return Certification within 30 Days of Receipt to Inspector ADRIAN SAGUAN

RESPONDENT: RICK TERAN

VIOLATION(S) CITED ON: 6/27/2017 CERTIFICATE OF COMPLIANCE DATE: 6/27/2017

NAME: **VULCAN MATERIALS WEST DIVISION** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407**

Attach the following documentation when returning the Certificate of Compliance:

0303 Complete and submit a UST permit application for the facility and each UST system.
TANK INFORMATION AS PART OF THE UST APPLICATION ON LINE IN THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) WAS DEFICIENT AS FOLLOWS:
-TANK #2 - MISSING TANK INSTALLATION DATE
-TANK #3 - MISSING TANK INSTALLATION DATE
-TANK #4 - MISSING TANK INSTALLATION DATE
*NOTE: ALL THREE TANKS IS A 3 COMPARTMENT TANK WHICH WILL HAVE THE SAME TANK INSTALLATION DATE.
UPDATE TANK INFORMATION ON LINE IN CERS ADDRESSING THE ABOVE DEFICIENCIES WITHIN 30 DAYS.

I certify under penalty of law that:

- o Respondent has corrected violations specified in the above-entitled action.
- o I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- o Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- o I am authorized to file this certification on behalf of the Respondent.
- o I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

SIGNATURE DATE

PRINT NAME TITLE

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CUPA COMPLIANCE INSPECTION REPORT

NAME: **VULCAN MATERIALS WEST DIVISION** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** INSPECTION DATE: **6/29/2016**

Inspector was given permission to: [X] photograph [X] inspect

Inspection Narrative (v020000)
Onsite for the Annual Underground Storage Tank (UST) CUPA inspection and the Monitoring Certification Testing. Tad Barnett (Asst Manager) granted consent to inspect.

Contractor Onsite: Petrotech Service
Technician Onsite: Philip Smith
Certifications: ICC#5063352 Exp.09/09/2017, VMI#3231 Exp.12/24/2017 & VR#A30819 Exp.02/02/2018.

UST SYSTEM:
- Two (2) Joor Double Walled USTs
- 20K-Gallon Red Diesel (Pressure System)
- 20K-Gallon 3-Way Split Tank
  - 12K-Gallon Clear Diesel (Pressure System)- 1 of 3 compartments
  - 3.5K-Gallon New Oil (Suction System)-2 of 3 compartments
  - 4.5K-Gallon Used Oil (Gravity System)-3 of 3 compartments

MONITORING SYSTEM:
- Veeder Root Monitoring Panel (VR) TLS-350 (Software Version 17.02)
- Tank Top Sumps (6)- VR 208
- Annulars (2)- VR 420
- -Over fill (2)- VR 420 (New Oil/ Waste Oil)
- Under Dispenser Containment (UDC) (3)- VR 208
- (Red Diesel & Clear Diesel) Mechanical Line Leak Detectors (2)
- Overfill protection-
  Flappers were observed in Red Diesel and Clear Diesel fill tubes
  External audible/ visual alarm

DOCUMENTATION INSPECTION:
Last Monitoring Certification was conducted by Petrotech Service on 06/30/2015
Last SB989 Certification was conducted by Petrotech Services on 01/20/2015 .Violations were documented and corrected.
Pacific Compliance provides the facility with (DO) Designated Operator Services.
The DO monthly inspection reports were reviewed and were consistent with alarm history. Employees training records available for review.
CUPA permit expires 10/31/2016

SPILL BUCKET CERTIFICATION RESULTS
- Overfill buckets were tested hydrostatically (visual). Buckets held liquid for 1 hour test(87 –Passed

MONITORING CERTIFICATION TEST RESULTS:
- Sensors in the tank tops sumps, UDCs and in the annular spaces caused audible/ visual alarms at the Veeder Root monitor-Passed.
- Sensors in the UDCs, annulars spaces & (Red Diesel & Clear Diesel) tank top sumps caused turbine shutdown- Passed
- ESO-Passed, Failsafe-Passed, & Sensor Out-Passed.
- Mechanical line leak detectors tested at 3 gph/ 10 psi.-Passed.
- Veeder Root Monitor audible/ visual alarms-Passed
- ATG Probes were removed from each UST. The external alarm and internal overfill alarms were test at 90% capacity.
  - External audible/ visual alarm-Passed.
  - Monitor audible/ visual alarms-Passed

The next annual Monitoring Certification is due no later than 06/29/2017

The next SB989 tests are due no later tha 20/2018

For information regarding the California Environmental Reporting System (CERS), please visit our website sbcfire.org and/ or call (909) 386-8432

For questions concerning this report, contact Shane Barbao at (909) 386-8401.

The following lines marked in the V column are violations that must be corrected. Marked items in the N column require additional information to determine compliance.

VIOLATION CODE	DESCRIPTION	SECTION	V	N
41	**UNDERGROUND STORAGE TANKS (UST)**			
0301	Failure to obtain an underground storage tank (UST) permit for each UST	S.B. COUNTY CODE 23.0722(a)		
0303	Failure to complete and submit an application for a permit to operate a UST	CAL. HEALTH & SAFETY CODE 25286(a)		
0304	Failure to have UST monitoring and maintenance records available on site	C.C.R. TITLE 23 CH. 16 2712(b)		
0305	Failure to correct past UST violations within 30 days of receiving a UST inspection report	C.C.R. TITLE 23 CH. 16 2712(f)		
0306	Failure to establish a written agreement with the Operator of a UST to monitor the UST system	CAL. HEALTH & SAFETY CODE 25284(a)(3)(A)		
0307	Failure to maintain evidence of financial responsibility for a UST system	CAL. HEALTH & SAFETY CODE 25292.2(a)		
0308	Failure to submit change of ownership within 30 days from the date of the transfer of the UST	CAL. HEALTH & SAFETY CODE 25284(c)		
0309	Failure to properly monitor UST system as specified by the permit	CAL. HEALTH & SAFETY CODE 25293		
0312	Failure to submit a signed Designated UST Operator Statement	C.C.R. TITLE 23 CH. 16 2715(a)		
0313	Failure to have monthly documented Designated UST Operator visual inspection reports	C.C.R. TITLE 23 CH. 16 2715(c)		
0314	Failure to affix a certification tag/sticker to each monitoring equipment component	C.C.R. TITLE 23 CH. 16 2638(f)		
0315	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2641(h)		
0317	Failure to certify the monitoring equipment annually	C.C.R. TITLE 23 CH. 16 2641(j)		
0318	Failure to have monitoring equipment located to properly detect a release	C.C.R. TITLE 23 CH. 16 2630(d)		
0322	Failure to test single-walled suction piping every 3 years	C.C.R. TITLE 23 CH. 16 2643(d)		
0323	Failure of secondary containment to prevent intrusion of liquid into sump/UDC(s)	CAL. HEALTH & SAFETY CODE 25291		
0324	Failure to install/maintain operational automatic line leak detector(s)	C.C.R. TITLE 23 CH. 16 2636(f)(2)		
0327	Failure to install/maintain an overfill prevention system	C.C.R. TITLE 23 CH. 16 2635(b)(2)		
0328	Failure to test the secondary containment systems	C.C.R. TITLE 23 CH. 16 2637(a)		
0329	Failure to meet the design, construction and monitoring requirements for "new" UST systems	C.C.R. TITLE 23 CH. 16 2630		
0330	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2632(d)		
0331	Failure to certify the monitoring system annually	C.C.R. TITLE 23 CH. 16 2638(a)		
0333	Failure to annually test overspill containment structure	CAL. HEALTH & SAFETY CODE 25284.2		
0334	Failure to maintain a functioning audible and visual alarm	C.C.R. TITLE 23 CH. 16 2632(c)(2)(B)		
0335	Failure to install an approved emergency disconnect switch device (ESO)	CAL. FIRE CODE 2203.2		
0336	Failure to properly install, maintain and test approved emergency shutoff/shear valve at dispensers	CAL. FIRE CODE 2206.7.4		
0337	Failure to have approved portable fire extinguishers present and charged	CAL. FIRE CODE 2205.5		
0338	Failure to have approved address/building/identification numbers visible from the street	CAL. FIRE CODE 505.1		
0339	Failure to properly maintain Spill Container Drain Valve	C.C.R. TITLE 23 CH. 16 2635(b)(1)(C)		
0340	Failure to operate a UST system to prevent unauthorized release	CAL. HEALTH & SAFETY CODE 25292.1(a)		
0342	Unlawful abandonment of a UST system	CAL. HEALTH & SAFETY CODE 25298(a)		
0343	Failure to lawfully close a UST system	CAL. HEALTH & SAFETY CODE 25298(c)		
0344	Failure to temporarily close a UST system	CAL. HEALTH & SAFETY CODE 25298(b)		
0345	Failure of secondary containment to prevent intrusion of water into the system	CAL. HEALTH & SAFETY CODE 25290.1(c)(3)		
0346	Failure to meet the upgrade requirements for the UST system (existing)	CAL. HEALTH & SAFETY CODE 25292(d)		
0347	Unlawful deposit of petroleum into a Red-Tagged UST system	CAL. HEALTH & SAFETY CODE 25292.3(c)		
0349	Failure to implement an enhanced leak detection (ELD) program after notification	C.C.R. TITLE 23 CH. 16 2640(e)		
0354	Failure to conduct tank tests monthly using the Automatic Tank Gauging (ATG) (existing)	C.C.R. TITLE 23 CH. 16 2643(b)(1)		
0355	Failure to conduct monthly SIR in conjunction with a biennial UST integrity test	C.C.R. TITLE 23 CH. 16 2643(b)(3)		
0358	Failure to perform weekly manual tank gauging with UST integrity testing (existing)	C.C.R. TITLE 23 CH. 16 2645(b)		
0362	Failure to have a monthly test with an hourly PLLD on pressurized single-walled product pipe	C.C.R. TITLE 23 CH. 16 2643(c)(2)		
0363	Failure to conduct annual testing of the piping leak detection method	C.C.R. TITLE 23 CH. 16 2643(c)(3)		
0367	Failure to install a check valve directly below the suction pump	C.C.R. TITLE 23 CH. 16 2636(a)(3)(C)		
0368	Failure to conduct testing of the piping leak monitoring system on gravity fed piping	C.C.R. TITLE 23 CH. 16 2643(e)		

0369	Failure to have the cathodic protectio[illegible]m tested every three years	C.C.R. TITL[illegible]CH. 16	2635(a)(2)(A)
0370	Failure to inspect the impressed-curre[illegible]athodic protection system every 60 days	C.C.R. TITL[illegible]CH. 16	2635(a)(2)(A)
0371	Failure to have interior lining inspected w/in 10 years of installation and every 5 years thereafter	C.C.R. TITLE 23 CH. 16	2663(h)
0373	Failure to submit the monitoring system certification report within 30 days of test completion	C.C.R. TITLE 23 CH. 16	2638(d)
0374	Failure to report an unauthorized release that has escaped the UST secondary containment	CAL. HEALTH & SAFETY CODE	25295(a)(1)
0375	Failure to meet design, construction and monitoring requirements for tank(s) installed prior to 1984	C.C.R. TITLE 23 CH. 16	2640
0378	Failure to install/maintain approved monitoring equipment for existing UST system(s)	C.C.R. TITLE 23 CH. 16	2641(a)
0399	Failure to obtain a UST construction permit and plan approval	S.B. COUNTY CODE	23.0603(a)

INSPECTED BY:

SHANE BARBAO

NAME **ICC#8274577**

RECEIVED BY:

Signature Date Time: 6/29/16 10:50:04AM

LTR:6/29/2016 10:47:07AM

TAD BARNETT

NAME

INSPECTION DATE: 06/29/2016

ASST PLANT MANAGER

TITLE

PRINTED ON: 6/29/16 10:50 am

NOTICE OF VIOLATION: THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN THE SPECIFIED TIMEFRAME. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION.

CUPA

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CUPA COMPLIANCE INSPECTION REPORT

NAME: **VULCAN MATERIALS WEST DIVISION** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** INSPECTION DATE: **6/30/2015**

Inspector was given permission to: [X] photograph [X] inspect

Inspection Narrative (v020000)

Onsite for annual Underground Storage Tank (UST) CUPA inspection and monitoring certification testing. Consent to inspect granted by Plant Manager Floyd Sibole.

Contractor Onsite: Petrotech Service
Technician Onsite: Philip Smith
Certifications: ICC #5263352 Exp. 9/19/15, Veeder Root #A30819 Exp. 2/8/16, VMI #3231 Exp. 1/27/17

UST SYSTEMS

- Four (4) Joor double-walled UST systems.
- 20K-gallon Red Dye Diesel pressurized stand-alone UST.
- 12K-gallon Clear Diesel pressurized UST system contained in a three comparted UST
- 3.5K-gallon New Oil UST contained in a three comparted UST. This is the second compartment of a 3 compartment tank. This compartment is monitored but is not in use. Product piping is capped.
- 4.5K-gallon Used Oil UST contained in a three comparted UST

MONITORING SYSTEMS

- Veeder Root TLS-350 Monitoring Panel. The Veeder Root monitor is located on the west wall of a metal garage adjacent to the tank top pad.
- Tank top sumps and three (3) UDC's are monitored by Veeder Root 208 sensors.
- The interstitial spaces of the USTs are monitored with Veeder Root 420 liquid sensors.
- The primary containment of the two oil USTs are monitored with Veeder Root 420 sensors for overfill.
- An external overfill alarm is located on the external side of the west wall of the metal garage.
- Mechanical line leak detectors (LD-2000) monitor the primary product piping of the Diesel fuel products.

DOCUMENTATION INSPECTION

- The last Monitoring Certification was conducted by Petrotech Services on 7/1/14.
- The most current Business Plan and the UST Documentation were available for review through the California Environmental Reporting System (CERS).
- Pacific Systems Electric provides Designated Operator Services.
- Designated Operator monthly inspection reports were reviewed and compared with one year of alarm history. Designated Operator is documenting alarms and filing alarm history with each monthly inspection. Training for the current facility employees was documented and available for review. Last employee training occurred on 4/7/15.
- CUPA Permit is current. Expiration date is 10/31/2015.

MONITORING CERTIFICATION TEST RESULTS

- All sensors caused positive shutdown along with audible and visual alarms at the Veeder Root monitor.
- Emergency Fuel Shutoff (ESO) functionality – OK
- Failsafe Tested – OK
- Sensor Out Tested – OK
- Mechanical line leak detectors tested at 3 gph/10 psi: Red Dye and Clear Diesel – Passed.
- Overspill buckets were hydrostatically tested (visual). Buckets held liquid for one hour - Passed.

The next annual Monitoring Certification is due no later than 6/30/16.

For information regarding the California Environmental Reporting System (CERS), please visit our website at sbcfire.org and/or contact our CERS Helpline at (909) 386-8432.

For questions regarding this inspection report, contact Jose May at (909) 386-8401. Thank You.

The following lines marked in the V column are violations that must be corrected. Marked items in the N column requi additional information to determine compliance.

Petrotech Service
A- 991520

Philip Smith
Owner

(951)210-5745
31080 Park Blvd.
Nuevo, Ca. 92567
Fax (951)928-8970
E-Mail Address philsmith193@gmail.com

VIOLATION CODE	DESCRIPTION	SECTION	V	N
41	**UNDERGROUND STORAGE TANKS (UST)**			
0301	Failure to obtain an underground storage tank (UST) permit for each UST	S.B. COUNTY CODE 23.0722(a)		
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0304	Failure to have UST monitoring and maintenance records available on site	C.C.R. TITLE 23 CH. 16 2712(b)		
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0306	Failure to establish a written agreement with the Operator of a UST to monitor the UST system	CAL. HEALTH & SAFETY CODE 25284(a)(3)(A)		
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0308	Failure to submit change of ownership within 30 days from the date of the transfer of the UST	CAL. HEALTH & SAFETY CODE 25284(c)		
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0312	Failure to submit a signed Designated UST Operator Statement	C.C.R. TITLE 23 CH. 16 2715(a)		
0313	Failure to have monthly documented Designated UST Operator visual inspection reports	C.C.R. TITLE 23 CH. 16 2715(c)		
0314	Failure to affix a certification tag/sticker to each monitoring equipment component	C.C.R. TITLE 23 CH. 16 2638(f)		
0315	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2641(h)		
0317	Failure to certify the monitoring equipment annually	C.C.R. TITLE 23 CH. 16 2641(j)		
0318	Failure to have monitoring equipment located to properly detect a release	C.C.R. TITLE 23 CH. 16 2630(d)		
0322	Failure to test single-walled suction piping every 3 years	C.C.R. TITLE 23 CH. 16 2643(d)		
0323	Failure of secondary containment to prevent intrusion of liquid into sump/UDC(s)	CAL. HEALTH & SAFETY CODE 25291		
0324	Failure to install/maintain operational automatic line leak detector(s)	C.C.R. TITLE 23 CH. 16 2636(f)(2)		
0327	Failure to install/maintain an overfill prevention system	C.C.R. TITLE 23 CH. 16 2635(b)(2)		
0328	Failure to test the secondary containment systems	C.C.R. TITLE 23 CH. 16 2637(a)		
0329	Failure to meet the design, construction and monitoring requirements for "new" UST systems	C.C.R. TITLE 23 CH. 16 2630		
0330	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2632(d)		
0331	Failure to certify the monitoring system annually	C.C.R. TITLE 23 CH. 16 2638(a)		
0333	Failure to annually test overspill containment structure	CAL. HEALTH & SAFETY CODE 25284.2		
0334	Failure to maintain a functioning audible and visual alarm	C.C.R. TITLE 23 CH. 16 2632(c)(2)(B)		
0335	Failure to install an approved emergency disconnect switch device (ESO)	CAL. FIRE CODE 2203.2		
0336	Failure to properly install, maintain and test approved emergency shutoff/shear valve at dispensers	CAL. FIRE CODE 2206.7.4		
0337	Failure to have approved portable fire extinguishers present and charged	CAL. FIRE CODE 2205.5		
0338	Failure to have approved address/building/identification numbers visible from the street	CAL. FIRE CODE 505.1		
0339	Failure to properly maintain Spill Container Drain Valve	C.C.R. TITLE 23 CH. 16 2635(b)(1)(C)		
0340	Failure to operate a UST system to prevent unauthorized release	CAL. HEALTH & SAFETY CODE 25292.1(a)		
0342	Unlawful abandonment of a UST system	CAL. HEALTH & SAFETY CODE 25298(a)		
0343	Failure to lawfully close a UST system	CAL. HEALTH & SAFETY CODE 25298(c)		
0344	Failure to temporarily close a UST system	CAL. HEALTH & SAFETY CODE 25298(b)		
0345	Failure of secondary containment to prevent intrusion of water into the system	CAL. HEALTH & SAFETY CODE 25290.1(c)(3)		
0346	Failure to meet the upgrade requirements for the UST system (existing)	CAL. HEALTH & SAFETY CODE 25292(d)		
0347	Unlawful deposit of petroleum into a Red-Tagged UST system	CAL. HEALTH & SAFETY CODE 25292.3(c)		
0349	Failure to implement an enhanced leak detection (ELD) program after notification	C.C.R. TITLE 23 CH. 16 2640(e)		
0354	Failure to conduct tank tests monthly using the Automatic Tank Gauging (ATG) (existing)	C.C.R. TITLE 23 CH. 16 2643(b)(1)		
0355	Failure to conduct monthly SIR in conjunction with a biennial UST integrity test	C.C.R. TITLE 23 CH. 16 2643(b)(3)		
0358	Failure to perform weekly manual tank gauging with UST integrity testing (existing)	C.C.R. TITLE 23 CH. 16 2645(b)		
0362	Failure to have a monthly test with an hourly PLLD on pressurized single-walled product pipe	C.C.R. TITLE 23 CH. 16 2643(c)(2)		
0363	Failure to conduct annual testing of the piping leak detection method	C.C.R. TITLE 23 CH. 16 2643(c)(3)		
0367	Failure to install a check valve directly below the suction pump	C.C.R. TITLE 23 CH. 16 2636(a)(3)(C)		
0368	Failure to conduct testing of the piping leak monitoring system on gravity fed piping	C.C.R. TITLE 23 CH. 16 2643(e)		
0369	Failure to have the cathodic protection system tested every three years	C.C.R. TITLE 23 CH. 16 2635(a)(2)(A)		
0370	Failure to inspect the impressed-current cathodic protection system every 60 days	C.C.R. TITLE 23 CH. 16 2635(a)(2)(A)		

0371	Failure to have interior lining inspected w/in 10 years of installation and every 5 years thereafter	C.C.R. TITLE 23 CH. 16 2663(h)	
0373	Failure to submit the monitoring system certification report within 30 days of test completion	C.C.R. TITLE 23 CH. 16 2638(d)	
0374	Failure to report an unauthorized release that has escaped the UST secondary containment	CAL. HEALTH & SAFETY CODE 25295(a)(1)	
0375	Failure to meet design, construction and monitoring requirements for tank(s) installed prior to 1984	C.C.R. TITLE 23 CH. 16 2640	
0377	Failure to comply by UST Owner/Operator	CAL. HEALTH & SAFETY CODE 25280.6	
0378	Failure to install/maintain approved monitoring equipment for existing UST system(s)	C.C.R. TITLE 23 CH. 16 2641(a)	
0399	Failure to obtain a UST construction permit and plan approval	S.B. COUNTY CODE 23.0603(a)	

VIOLATION CODE	DESCRIPTION	SECTION	V	N
42	**HMRRP (HAZARDOUS MATERIALS HANDLER)**			
0201	Failure to obtain a CUPA Hazardous Materials Handler permit.	23.0602(a)		
0202	Failure to establish a Business Plan.	CAL. HEALTH & SAFETY CODE 25507		
0203	Failure to submit a Business Plan.	CAL. HEALTH & SAFETY CODE 25508		
0204	Failure to immediately report any release or threatened release of a hazardous material.	CAL. HEALTH & SAFETY CODE 25510		
0205	Failure to allow a hazardous materials handler inspection.	CAL. HEALTH & SAFETY CODE 25511		
0206	Failure to update the Business Plan	CAL. HEALTH & SAFETY CODE 25508.2		
0209	Failure to submit an amendment to the inventory form within 30 days of change.	CAL. HEALTH & SAFETY CODE 25508.1		
1231	Failure to submit a corrected Business Plan within 30 days after notification of deficiencies.	CAL. HEALTH & SAFETY CODE 25508		
1232	Failure to submit a Business Plan revision within 30 days of a substantial change in operation.	CAL. HEALTH & SAFETY CODE 25505(b)		

INSPECTED BY:

JOSE MAY

NAME **ICC#8014665-UI**

RECEIVED BY:

Floyd Sibole

NAME

Signature Date Time: 6/30/15 11:47:47A

LTR:6/30/2015 11:45:55A

Plant Manager

TITLE

INSPECTION DATE: 06/30/2015

PRINTED ON: 6/30/15 11:48 am

NOTICE OF VIOLATION: THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN THE SPECIFIED TIMEFRAME. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION.

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PS Form 3800, August 2006 — See Reverse for Instructions

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PS Form 3800, August 2006 *(Reverse)* PSN 7530-02-000-9047

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

CHARLES ST JOHN
500 N. BRAND BLVD, STE 500
GLENDALE CA 91203

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X A Serrano ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* A Serrano C. Date of Delivery 2-4-15

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

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County of San Bernardino
Office Of The Fire Marshal
Attn: Adrian Saguan
620 South "E" Street
San Bernardino, CA 92415-0153

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SAN BERNARDINO COUNTY FIRE DISTRICT

620 South "E" Street San Bernardino, CA 92415-0153 (909) 386-8401 Fax (909) 386-8460

Office of the Fire Marshal
Hazardous Materials Division
sbcfire.org

Mark A. Hartwig
Fire Chief/Fire Warden

Michael A. Horton
Fire Marshal

January 30, 2015

CHARLES ST JOHN
500 N. BRAND BLVD, STE 500
GLENDALE, CA 91203

ATTN: CALMAT CO/VULCAN MATERIALS CO/ CHARLES ST JOHN

SUBJECT: REVIEW OF SUBMITTED OF SECONDARY CONTAINMENT TEST RESULTS AND NOTICE OF VIOLATION

FACILITY: FA0001676-VULCAN MATERIALS WEST DIVISION
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

As a result of a recent records review, this facility has been identified as not being in compliance with Chapter 6.7 of the California Health and Safety Code (CHSC) and Title 23, Chapter 16 of California Code of Regulations (CCR). The following deficiencies are violations that may result in legal action if not corrected within 30 days:

TITLE 23 CCR §2637 - Secondary Containment Testing - failures noted on **January 20, 2015** have not been legally corrected and re-tested.

You are hereby ordered to:

1. Obtain an Underground Storage Tank (UST) modification/repair permit and submit plans to make all necessary repairs to the failed or untestable secondary containment components that require correction or repair within 30 days.
2. Upon correction by a properly licensed and certified contractor, all failed or previously untested components shall be tested in the presence of an inspector from this department.

Failure to comply with this Notice of Violation may result in legal action by this Department.
23 CCR §2717,et al RED TAG AUTHORITY - This CUPA has the authority to place a Red Tag on all UST fill pipes at the above mentioned facility until full compliance is met, including, but not limited to testing and any permitted repairs/modifications that may be required upon inspection. Application of a Red Tag prohibits fuel delivery and may only be removed by this agency.

The San Bernardino County Fire Department reserves the right to issue an Administrative Enforcement Order or refer this matter to the District Attorney's office for review and prosecution of any or all violations which have occurred regardless of your compliance with this directive.

If you have any questions, contact the Department representative below at (909) 386-8464.

ADRIAN SAGUAN, R.E.H.S.
Hazardous Materials Specialist
UST Section

BOARD OF SUPERVISORS

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HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: FA0001676 Facility Name: Vulcan Materials West Division #2 Inspection Date: 6/10/2014

Site Address: 2400 W. Highland Ave. Phone #: (909) 875-1150

City: San Bernardino Zip Code: 92407 EPA ID #: CAD981568579

Consent Granted by:

☒ Inspect ☒ Photograph Name: Tad Barnett Title: Asst. Plant Manager # Emp: 31

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 of the Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC). The following code sections are either in Violation (V) of, in Compliance (C) with, the applicable laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS FOR GENERATORS		V	C	N
101. Hazardous Waste Generator Permit current	CC 23.0602(b)(1)		X	
102. Facility access for inspection granted - HW only	CHSC 25185		X	
103. Hazardous Waste determination made	CCR 66262.11		X	
104. EPA ID Number obtained	CCR 66262.12(a)		X	
105. Hazardous Waste storage/treatment authorization	CHSC 25189.5(d)			X
106. Facility operated/maintained to prevent release/fire	CCR 66265.31		X	
107. Contingency Plan established	CCR 66265.51(a)		X	
108. Recyclable materials managed lawfully	CHSC 25143.2			X
905. Universal Waste managed lawfully	CCR 66273.1		X	
STORAGE AND LABELING REQUIREMENTS				
110. Tank/container labeled/marked "Hazardous Waste"	CCR 66262.34(f)(3)		X	
111. Hazardous Waste label complete	CCR 66262.34(f)(3)		X	
112. Accumulation start date on tank/container	CCR 66262.34(f)(2)		X	
113. Hazardous Waste accumulation time not exceeded	CCR 66262.34		X	
114. Hazardous Waste containers sound	CCR 66265.171		X	
115. Hazardous Waste containers not leaking	CCR 66265.173(b)		X	
116. Hazardous Waste containers closed	CCR 66265.173(a)		X	
117. Contaminated containers managed properly	CCR 66261.7		X	
118. Container storage area inspected weekly	CCR 66265.174		X	
119. Hazardous Waste managed lawfully	CHSC 25154		X	
120. Hazardous Waste aboveground tank system inspected	CCR 66262.34			X
HAZARDOUS WASTE RECORDS AND MANIFESTS				
125. Hazardous Waste transported with a manifest	CCR 66262.20(a)		X	
126. Hazardous Waste manifest complete	CCR 66262.23		X	
127. Hazardous Waste manifests sent to DTSC	CCR 66262.23(a)(4)		X	
128. Manifests retained for at least 3 years	CCR 66262.40(a)		X	
129. Biennial Report prepared	CCR 66262.41			X
130. Hazardous Waste analyses retained for 3 years	CCR 66262.40(c)			X
131. Training documentation complete & available	CCR 66265.16		X	
132. Copy of completed SB 14 available	CCR 67100.3			X
135. Used oil managed properly	CHSC 25250.4		X	
136. Used oil not contaminated with Hazardous Waste	CHSC 25250.7			X
137. Consolidated manifesting records available	CHSC 25160.2(b)(3)		X	
138. Used oil filters managed lawfully	CCR 66266.130		X	
139. Spent lead acid batteries managed lawfully	CCR 66266.81		X	
DISPOSAL AND TRANSPORTATION				
145. Illegal disposal/abandonment of Hazardous Waste	CHSC 25189.5(a)			X
146. Illegal disposal of used oil	CHSC 25250.5(a)			X
147. Transporting Hazardous Waste w/o valid registration	CHSC 25163			X
148. Hazardous Waste hauled by transporter w/o valid registration	CHSC 25163			X
149. Hazardous Waste transported to an unauthorized facility	CHSC 25189.5(c)			X

GENERAL REQUIREMENTS FOR HANDLERS		V	C	N
201. Hazardous Material Handler permit current	CC 23.0602(b)(3)		X	
202. Business Plan established	CHSC 25503.5		X	
203. Business Plan submitted/updated	CHSC 25508	X		
204. Hazardous Materials release reported	CHSC 25507			X
205. Facility access for inspection granted – HM	CHSC 25508		X	
206. Regulated Substances registration filed	CHSC 25533			X
207. SPCC Plan prepared	CHSC 25270.4.5		X	

INSPECTION NARRATIVE

This was an unannounced compliance inspection to verify compliance with hazardous materials and waste laws and regulations. Tad Barnett and Jeff Ludy (Plant Foreman) provided consent and escort for the inspection. Photographs taken.

Facility operations are consistent with those described in the report from the last inspection on July 14th, 2011 by M. Bechel of this agency.

Hazardous Materials and Waste Inventory:
During the inspection, it was observed that the hazmat inventory onsite is, for the most part, consistent with that disclosed in the California Environmental Reporting System (CERS) on February 25th, 2013. There were, however, multiple items that were not disclosed in CERS (see next page).

Continued On Supplemental Form

☒ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: _____ (Sign Name) Greg Zeigler (Print Name)

Received By: Sent by Certified Mail (Sign Name) _____ (Print Name)

Title: _____

Report Date: 6/13/2014

Form Revised 1/16/2007

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SUPPLEMENTAL INSPECTION REPORT

INSPECTION DATE: 6/10/2014		
FACILITY ID **FA0001676**	FACILITY NAME: **Vulcan Materials West Division #2**	FACILITY LOCATION: **2400 W. Highland Ave. San Bernardino, 92407**
Consent Granted by: ☒Inspect ☒Photograph	NAME **Tad Barnett**	TITLE **Asst. Plant Manager**

Hazardous Materials and Waste Inventory not disclosed in CERS (continued from title page):

- **4 – 55 gallon drums of grease (storage dock area)**
- **1 – 55 gallon drum coolant (storage dock area)**
- **2- 55 gallon drums hydraulic oil (storage dock area)**
- **5 – 55 gallon drums used oil & fuel filters (storage dock area)**
- **Mobile refueling truck onboard fuels / oils (2000 gallons red dye diesel, 500 gallons used oil, ~300 gallons new oil, ~400 gallons gear oil, ~200 gallons hydraulic fluid)**

Documentation Review:

- **Hazardous waste manifests: onsite and available going back 3 years – Asbury Environmental hauls hazardous waste including oil, filters, etc. The facility generates 300 to 500 gallons of waste oil per month.**
- **Training Records: onsite and available for review; online training covers hazardous waste management, SPCC, SWPPP, spill prevention procedures, etc.**
- **Spill Prevention Control and Countermeasure Plan (SPCC): The plan and all related inspection and test records were onsite and available for review; The plan did not address the mobile refueler.**

Correct the Following Violations:

#203. Business plan has not been updated accurately and annually (CHSC 25508):

- **As noted above, there were several items observed onsite that were not listed in the CERS inventory. The last update was submitted in February of 2013. Annual update is required. It was also noted that facility maps submitted in CERS are not sufficient and do not show all areas of storage completely and/or accurately.**

Compliance Requirement: Update the information in CERS to accurately show all hazardous materials and hazardous waste stored onsite. Update facility maps to accurately show the locations of all hazardous materials and hazardous waste. Signature on Certificate of Compliance denotes compliance.

The following is a list of APSA - SPCC related violations to be corrected within 30 days:

Failure to adequately discuss bulk storage containers within the SPCC Plan CHSC 25270.4.5(a) (Ref. CFR 112.8 (c)) Owner/Operator shall adequately discuss bulk storage containers within the SPCC Plan.

- **During review of the SPCC plan, it was noted that the contents of the mobile fuel truck were not addressed in the plan.**

Compliance Requirement: Submit a signed statement indicating that all bulk storage containers, including the mobile refueler, have been added to the SPCC Plan.

Submit the above requested documentation along with the signed Certificate of Compliance within 30 days of receipt of this report.

If you have any questions, please contact me at (909) 386-8430 or email me at gzeigler@sbcfire.org

☒ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: _____ (Sign Name) Greg Zeigler (Print Name)

Received By: Sent by Certified Mail (Sign Name) _____ (Print Name)

Title: _____

Report Date: 6/13/2014

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HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: 1676 Facility Name: VULCAN MATERIALS, WESTERN DIVISION #2 Inspection Date: July 14, 2011

Site Address: 2400 W. HIGHLAND AVE. Phone #: 909 875-1150

City: SAN BERNARDINO Zip Code: 92407 EPA ID #: CAD981568579

Consent Granted by:

☒ Inspect ☒ Photograph Name: TAD BARNETT Title: ASSISTANT PLANT MANGER # Emp: 29

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 of the Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC). The following code sections are either in Violation (V) of, in Compliance (C) with, the applicable laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS FOR GENERATORS		V	C	N
101. Hazardous Waste Generator Permit current	CC 23.0602(b)(1)		X	
102. Facility access for inspection granted - HW only	CHSC 25185		X	
103. Hazardous Waste determination made	CCR 66262.11			X
104. EPA ID Number obtained	CCR 66262.12(a)		X	
105. Hazardous Waste storage/treatment authorization	CHSC 25189.5(d)			X
106. Facility operated/maintained to prevent release/fire	CCR 66265.31		X	
107. Contingency Plan established	CCR 66265.51(a)		X	
108. Recyclable materials managed lawfully	CHSC 25143.2			X
905. Universal Waste managed lawfully	CCR 66273.1		X	
STORAGE AND LABELING REQUIREMENTS				
110. Tank/container labeled/marked "Hazardous Waste"	CCR 66262.34(f)(3)		X	
111. Hazardous Waste label complete	CCR 66262.34(f)(3)	X	C	
112. Accumulation start date on tank/container	CCR 66262.34(f)(2)		X	
113. Hazardous Waste accumulation time not exceeded	CCR 66262.34		X	
114. Hazardous Waste containers sound	CCR 66265.171		X	
115. Hazardous Waste containers not leaking	CCR 66265.173(b)		X	
116. Hazardous Waste containers closed	CCR 66265.173(a)		X	
117. Contaminated containers managed properly	CCR 66261.7		X	
118. Container storage area inspected weekly	CCR 66265.174		X	
119. Hazardous Waste managed lawfully	CHSC 25154		X	
120. Hazardous Waste aboveground tank system inspected	CCR 66262.34		X	
HAZARDOUS WASTE RECORDS AND MANIFESTS				
125. Hazardous Waste transported with a manifest	CCR 66262.20(a)		X	
126. Hazardous Waste manifest complete	CCR 66262.23		X	
127. Hazardous Waste manifests sent to DTSC	CCR 66262.23(a)(4)		X	
128. Manifests retained for at least 3 years	CCR 66262.40(a)		X	
129. Biennial Report prepared	CCR 66262.41			X
130. Hazardous Waste analyses retained for 3 years	CCR 66262.40(c)		X	
131. Training documentation complete & available	CCR 66265.16		X	
132. Copy of completed SB 14 available	CCR 67100.3			X
135. Used oil managed properly	CHSC 25250.4		X	
136. Used oil not contaminated with Hazardous Waste	CHSC 25250.7		X	
137. Consolidated manifesting records available	CHSC 25160.2(b)(3)		X	
138. Used oil filters managed lawfully	CCR 66266.130		X	
139. Spent lead acid batteries managed lawfully	CCR 66266.81			X
DISPOSAL AND TRANSPORTATION				
145. Illegal disposal/abandonment of Hazardous Waste	CHSC 25189.5(a)			X
146. Illegal disposal of used oil	CHSC 25250.5(a)			X
147. Transporting Hazardous Waste w/o valid registration	CHSC 25163			X
148. Hazardous Waste hauled by transporter w/o valid registration	CHSC 25163			X
149. Hazardous Waste transported to an unauthorized facility	CHSC 25189.5(c)			X

GENERAL REQUIREMENTS FOR HANDLERS		V	C	N
201. Hazardous Material Handler permit current	CC 23.0602(b)(3)		X	
202. Business Plan established	CHSC 25503.5		X	
203. Business Plan submitted/updated	CHSC 25505		X	
204. Hazardous Materials release reported	CHSC 25507			X
205. Facility access for inspection granted – HM	CHSC 25508		X	
206. Regulated Substances registration filed	CHSC 25533			X
207. SPCC Plan prepared	CHSC 25270.4.5		X	

INSPECTION NARRATIVE

An inspection was conducted to determine compliance with hazardous material handler and hazardous waste generator laws and regulations. Consent to conduct the inspection and photograph the facility was given by Assistant Plant Manger, Tad Barnett. Also present during the inspection was Vulcan Materials Plant Manager, Scott Bevan; Vulcan Materials Western Division Environmental Specialist, John Janke; and Vulcan Materials Mobile Equipment Foreman, Jeff Ludy. Steel toed boots, safety glasses and hard hats are required safety gear at this facility.

Vulcan Materials operates a sand and gravel mining company at this facility location. The facility is located on 240 acres and consists of 3 buildings and a vehicle fueling station.

This facility receives aggregates of various sizes from the "Pit" (quarry) and separates the materials by size into several different stock piles ready for customer use.

Hazardous materials are store onsite and hazardous waste is generated as a result of fleet and equipment maintenance.

☒ **NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

Inspected By: _____ (Sign Name) Received By: CERTIFIED MAIL (Sign Name) Title: _____

Mark Bechel (Print Name) _____ (Print Name) Report Date: July 14, 2011

Form Revised 1/16/2007

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SUPPLEMENTAL INSPECTION REPORT

INSPECTION DATE: July 14, 2011		
FACILITY ID 1676	FACILITY NAME: VULCAN MATERIALS	FACILITY LOCATION: 2400 W. HIGHLAND AVE., SAN BERNARDINO
Consent Granted by: ☒ Inspect ☒ Photograph	NAME TAD BARNETT	TITLE ASSISTANT PLANT MANAGER

Hazardous Materials Inventory:

- (1) 20,000 gallon red diesel – UST (fueling station)
- (1) 12,000 gallon clear diesel – UST (fueling station)
- (1) 4,500 gallon empty/unused – UST (fueling station)
- (1) 1,000 gallon gasoline – AST (fueling station)
- (1) 600 gallon motor oil – AST (lube bay)
- (3) 500 gallon motor oil –AST (lube bay)
- (1) 330 gallon motor oil – AST (lube bay)
- (1) 275 gallon motor oil – AST (lube bay)
- (3) 55 gallon motor oil drums (lube bay)
- (1) 55 gallon antifreeze drum (lube bay)
- (1) 55 gallon motor oil drum (hazardous materials/hazardous waste storage area)
- (1) 55 gallon antifreeze drum (hazardous materials/hazardous waste storage area)
- (2) 55 gallon grease drums (hazardous materials/hazardous waste storage area)
- (7) 249 cubic feet oxygen gas cylinders (garage area)
- (7) 129 cubic feet acetylene gas cylinders (garage area)

Hazardous Waste Inventory:

- (1) 3,500 gallon used oil – UST (fueling station)
- (1) 55 gallon waste grease drum (hazardous waste storage area)

Document review and Notes:

- Employees training records were available for review. Annual/new employee training requirement met.
- Hazardous waste is hauled by Safety-Kleen. Waste disposal records were available for review. Most recent hazardous waste manifest record reviewed was #002596868SKS dated 5/6/11.
- Hazardous Materials Handler and Hazardous Waste Generator permits are current and applicable with an expiration date of 10/31/11.
- EPA ID Number CAD981568579 is active.
- Most recent submittal of the Business Emergency Contingency Plan was 3/10/11. Inventory appears accurate and complete.
- UST's are permitted with this Department with an expiration date of 10/31/11.
- The facility is not subject to Large Quantity Generator (LQG) Biennial or SB14 reporting.
- The facility is subject to the Aboveground Petroleum Storage Act (APSA) rules and regulations and is permitted by this department. An SPCC plan was available onsite for review.
- Rags and uniforms are laundered by Cintas.
- Universal Waste is being properly managed and disposal records were available onsite for review.

☒ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: _____ (Sign Name) Received By: Certified Mail (Sign Name) Title: _____

Mark Bechel (Print Name) _____ (Print Name) Report Date: July 14, 2011

Form Revised 1/16/2007

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

SUPPLEMENTAL INSPECTION REPORT

INSPECTION DATE: July 14, 2011		
FACILITY ID 1676	FACILITY NAME: VULCAN MATERIALS	FACILITY LOCATION: 2400 W. HIGHLAND AVE., SAN BERNARDINO
Consent Granted by: ☒Inspect ☒Photograph	NAME TAD BARNETT	TITLE ASSISTANT PLANT MANAGER

Document review and Notes (continued):

- The facility is subject to the regulatory requirements of the Emergency Planning and Community Right to Know Act (EPCRA). An annual submittal of the Business Emergency Contingency Plan is a requirement.

Violations to be corrected within 30 days:

111- Hazardous waste label not complete CCR 66262.34(f)(3)
Each container used for onsite accumulation of hazardous waste shall be labeled or marked clearly with the words "Hazardous Waste". Additionally, all containers shall be labeled with the following information: contents of the container, physical state of the waste, hazardous properties of the waste (e.g., flammable, toxic, etc.), name and address of the generator and the accumulation start date. Observed (1) 55 waste grease drum missing the required hazardous properties on label.

Compliance requirement:
Complete all hazardous waste labels with the above required information. Violation was corrected at time of inspection. **Compliance Met.**

Contact San Bernardino County Fire Hazardous Materials Specialist Mark Bechel at (909) 386-8401 or by email at mbechel@sbcfire.org with any questions or concerns regarding this report.

☒ **NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

Inspected By: Mark Bechel (Sign Name) Received By: Certified Mail (Sign Name) Title:

Mark Bechel (Print Name) (Print Name) Report Date: July 14, 2011

Form Revised 1/16/2007

PHOTO NARRATIVE

PHOTO 1

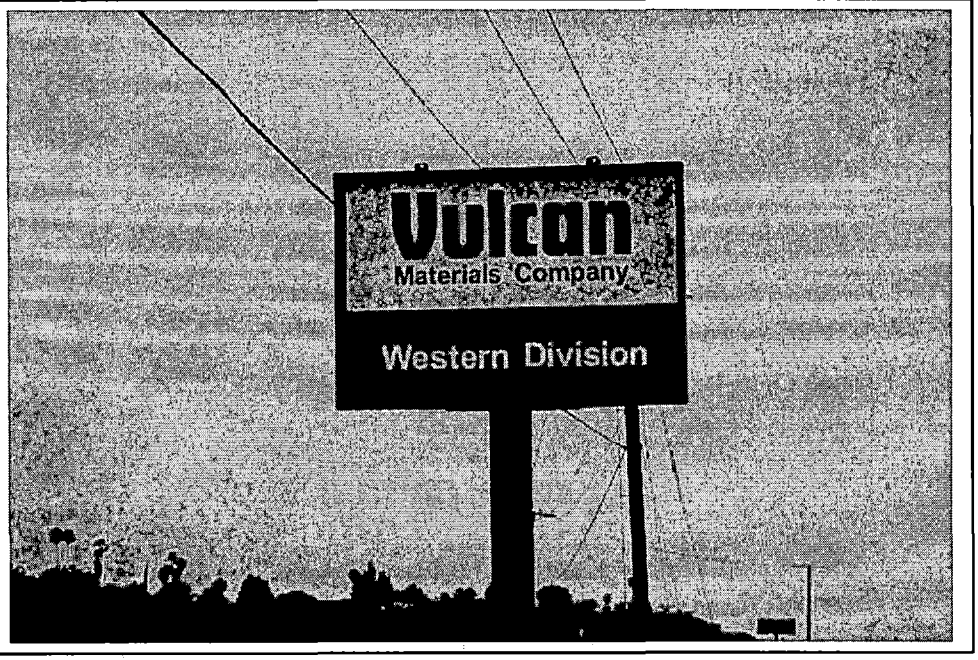
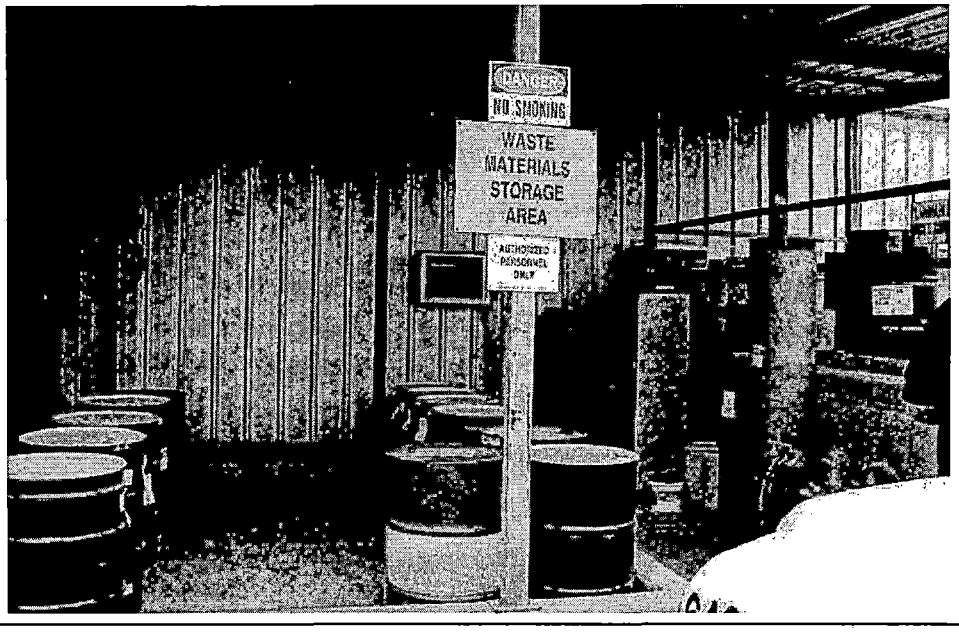


PHOTO 2



Facility/Case Name:	**Vulcan Materials, Western Division**	Facility ID #:	**1676**
Address:	**2400 W. Highland Ave., San Bernardino**		
1) Description:	**Facility front signage as seen from gated entrance. Facility is located on the north side of W. Highland Ave.**		
2) Description:	**Left (front to rear): (3) properly labeled 55 gallon drained used oil filter drums, (2) empty 55 gallon drums (for later storage of Universal waste).** **Center (rear to front): (1) 55 gallon waste grease drum, (3) empty 55 gallon drums (for later storage of hazardous waste), (3) properly labeled empty 55 gallon drums (for later recycling).** **Right: Universal waste storage area. Far right: Hazardous materials storage area.**		
Date Taken:	**July 14, 2011**	Signature:	
Taken By:	**Mark Bechel**		

Revised 02/27/03

PHOTO NARRATIVE

PHOTO 1

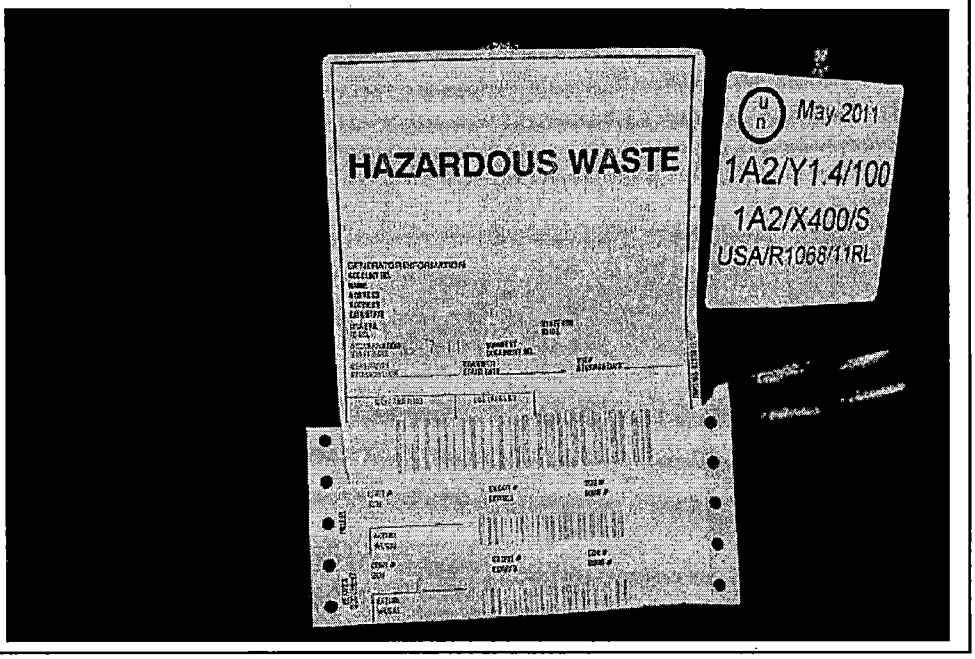
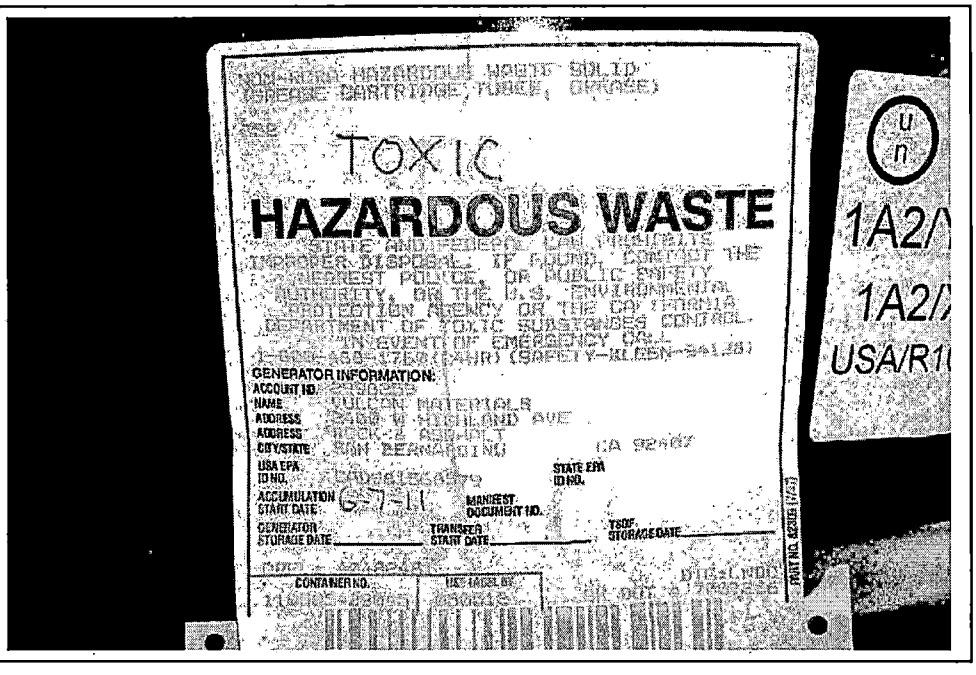


PHOTO 2



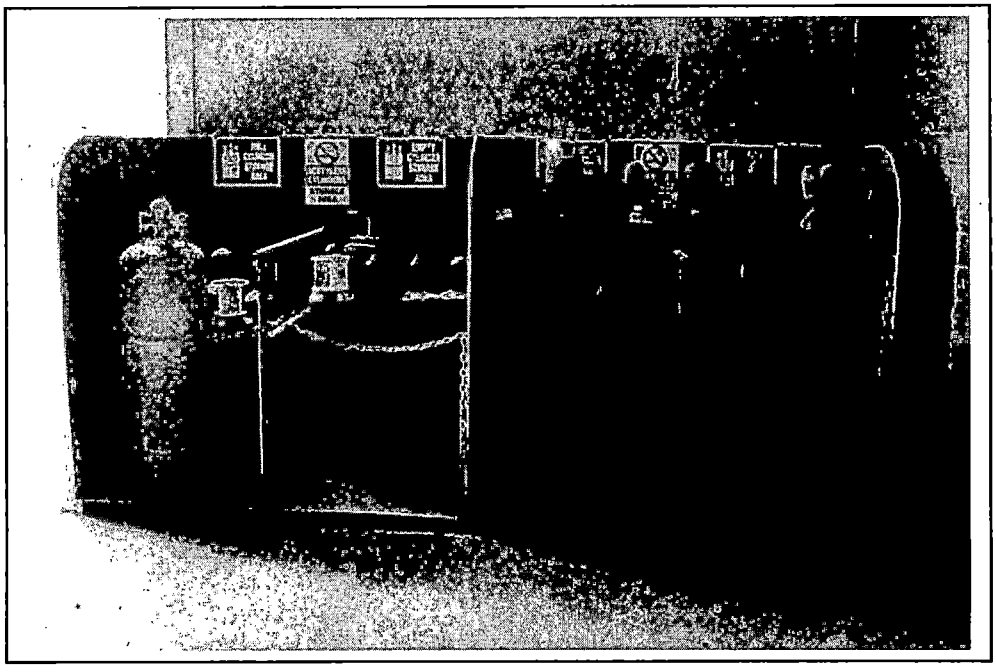
Facility/Case Name:	**Vulcan Materials, Western Division**	Facility ID #:	**1676**
Address:	**2400 W. Highland Ave., San Bernardino**		
1) Description:	**Labeling on the 55 gallon waste grease drum was missing the required hazardous properties information.**		
2) Description:	**Hazardous waste labeling requirements were discussed at time of inspection and labeling on the above pictured drum was corrected during the inspection.**		
Date Taken:	**July 14, 2011**	Signature:	
Taken By:	**Mark Bechel**		

PHOTO NARRATIVE

PHOTO 1



PHOTO 2



Facility/Case Name:	**Vulcan Materials, Western Division**	Facility ID #:	**1676**
Address:	**2400 W. Highland Ave., San Bernardino**		
1) Description:	**Left to right: (1) spill kit, (1) 330 gallon motor oil AST, (1) 275 gallon motor oil AST, (1) 1000 gallon gasoline AST (pictured outside lube bay), (3) 500 gallon motor oil ASTs, (1) 55 gallon antifreeze. Used oil generated at this lube bay is pumped daily into an onsite underground storage tank for later pick up by a certified waste hauler.**		
2) Description:	**Left to right: (7) 120 cubic feet acetylene gas cylinders and (1) 40 gallon propane cylinder, empty acetylene gas cylinders, empty oxygen gas cylinders, (7) 240 cubic feet oxygen gas cylinders. All compressed gas cylinders are segregated and securely chained.**		
Date Taken:	**July 14, 2011**	Signature:	
Taken By:	**Mark Bechel**		

Revised 02/27/03

Vulcan
Materials Company

TAD BARNETT
ASSISTANT PLANT MANAGER
Western Division

2400 WEST HIGHLAND AVENUE • SAN BERNARDINO CA 92407
PHONE 909-875-1150 • FAX 909-873-0658 • CELL 909-772-7061
www.vulcanmaterials.com E-MAIL barnettt@vmcmail.com

Vulcan
Materials Company

JEFF LUDY

HDR / Mobile Equipment Foreman
San Bernardino Plant
Western Division

2400 WEST HIGHLAND AVENUE • SAN BERNARDINO, CA 92407
DIRECT PHONE NUMBER 909-875-1150 EXT. 239 • FAX NUMBER 909-873-0658
CELL PHONE NUMBER 951-329-8244
http://www.vulcanmaterials.com E-MAIL ludyj@vmcmail.com

Vulcan
Materials Company

SCOTT BEVAN
Plant Manager
Western Division

2400 WEST HIGHLAND AVENUE • SAN BERNARDINO CA 92407
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PRELIMINARY FIELD INSPECTION REPORT

Page 1 of 1

INSPECTION DATE: 6-14-2011

FACILITY ID	FACILITY NAME:	FACILITY LOCATION:
1676	Vulcan Materials	2400 W. Highland AVE, San Bernardino
Consent Granted by: ☒ Inspect ☒ Photograph	NAME: Tad Barnett	TITLE: Asst. Plant Manger

The following is a preliminary list of violations observed at the time of inspection. The final report may list additional violations. Violations must be corrected within 30 days of receipt of the final report unless otherwise specified below.

(111) Hazardous waste label not Complete CCR 66262.34(f)(3)
Each Container used for onsite Accumulation of hazardous waste shall be labeled or Marked Clearly with the words "Hazardous Waste". Additionally, all Containers shall be labeled with the following information; Contents, physical State of the waste, hazardous Properties of the waste (eg, flammable, toxic, etc.) name of generator, address of generator and the Accumulation Start date. Observed (1) 55gallon waste grease drum missing hazard properties on label.

Compliance Requirement!
Complete all hazardous waste labels with the above information including the ~~Waste hazard~~ hazard properties. Corrected at time of inspection - Compliance Met.

This facility is Subject to EPCRA reporting requirements and APSA reporting/regulations.

Inspected By: Mark Becher (Sign Name) MARK BECHER (Print Name)

Received By: Tad Barnett (Sign Name) Tad Barnett (Print Name)

Title: Asst Manager

Report Date: 7/14/2011

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HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: 0001676 Facility Name: Vulcan Materials Company Inspection Date: April 24, 2007

Site Address: 2400 West Highland Ave Phone #: 909 875-1150

City: San Bernardino Zip Code: 92407 EPA ID #: CAD981568579

Consent Granted by: Packet left on site?

☒ Inspect ☒ Photograph Name: Kurt Arnett Title: Plant Supv. # Emp: (Yes)/No

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 and 6.95 of the California Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC)

THE FOLLOWING SECTIONS ARE IN VIOLATION IF THEY ARE CHECKED

General Requirements:

☐ 101. / 201. Hazardous Waste and/or Materials Permits not current. (CC 23.0602(a)) Current

Compliance requirement: Submit fees within 30 days of billing.

☐ 104. EPA ID Number not obtained for waste generation. (CCR 66262.12(a)) Current

Compliance Requirement: Obtain permanent EPA ID Number by submitting Form 1358 to DTSC. Submit your EPA ID Number to this Division.

☐ 106. Facility not operated to prevent a spill or release. (CCR 66265.31) Okay

Compliance Requirement: Facility must conduct housekeeping & operate to prevent all spills. Signature on certification below denotes compliance.

☐ 107. A Contingency Plan has not been established. (CCR 66265.51(a))

☐ 202. A Business Plan has not been established. (CHSC 25503.5)

☐ 203. A Business Plan has not been submitted / (updated) (CHSC 25505)

INVENTORY: UST's 4X10,000 gal, Anti-Freeze 4X55 gal, Waste Oil - 1X10,000 gal New Oil 7X600 1 compressed Gas Cylinders - Oxygen 18X204 ft3 Acetylene 18X120

Compliance Requirement: Submit the original and one copy of the Business Emergency/Contingency Plan to this Division. NOTE: You must keep a current copy of your Business Emergency/Contingency Plan onsite and available at all times.

☐ 131. Training documentation not complete or available. (CCR 66262.34(d)(2)) Okay

Compliance Requirement: Submit training documentation as required.

Container Storage and Labeling Requirements:

☐ 110. Hazardous waste containers are not labeled/marked. (CCR 66262.34(f)(3)) Okay

☐ 111. Hazardous waste label is incomplete. (CCR 66262.34(f)(3)) N/A

☐ 112. Accumulation start date is missing from tank/container. (CCR 66262.34(f)(2)) Okay

Compliance Requirement: Hazardous waste label is to be applied to the tank/container. All fields and lines are to be correctly completed.

☐ 113. Accumulation time exceeded. (CCR 66262.34) Okay

Compliance Requirement: Dispose of waste using a licensed waste hauler within 30 days. Submit copies of disposal documents to this Division.

☐ 114. Hazardous waste container not sound. (CCR 66265.171) Sound

☐ 115. Hazardous waste container leaking. (CCR 66265.173(b)) Not leaking

☐ 116. Hazardous waste container open when not in use. (CCR 66265.173(a)) Okay

Compliance Requirement: Waste containers must be sound, not leaking and closed when not in use.

Waste Management:

☐ 119. Hazardous waste managed unlawfully. (CHSC 25154) Discussed universal Haz. Waste

Compliance Requirement: Hazardous waste containers and aboveground tanks must be labeled, closed, and inspected (weekly or daily, as appropriate). Waste is to be removed by a licensed waste hauler within the allowed time periods.

☐ 128. Failure to retain **manifested** waste disposal records for 3 years. (CCR 66262.40(a)) Safety-Kleen

☐ 137. Failure to retain **consolidated** waste disposal records for 3 years. (CHSC 25160.2(b)(3)) Asbury Environmental

Compliance Requirement: Submit copies of waste disposal records for the past

☐ 138. Unlawful management of used oil filters. (CCR 66266.130) Asbury Environmental Service

Compliance Requirement: Label all used oil filter containers with "DRAINED USED OIL FILTERS" and the accumulation start date.

Business Description: Mining and Agragate Company

Inspected By: Jerry Wong (Sign Name) Jerry Wong (Print Name) Received By: [signature] (Sign Name) Kurt Arnett (Print Name) Title: Plant Supv.

Report Date: April 24, 2007

Sign and submit the yellow copy of this form within 30 days with the required documents listed in each "Compliance Requirement" section.

I certify that I have met the compliance requirements of this Notice of Violation: _____ Name _____ Date

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HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: 0001676 Facility Name: Vulcan Materials Company Inspection Date: April 24, 2007

Site Address: 2400 West Highland Ave Phone #: 909875-1150

City: San Bernardino Zip Code: 92407 EPA ID #: CAD981568579

Consent Granted by: ☒ Inspect ☒ Photograph Name: Kurt Arnett Title: Plant Supv. # Emp: Packet left on site? Yes/No

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 and 6.95 of the California Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC)

THE FOLLOWING SECTIONS ARE IN VIOLATION IF THEY ARE CHECKED

General Requirements:

☐ 101. / 201. Hazardous Waste and/or Materials Permits not current. (CC 23.0602(a)) Current

Compliance requirement: Submit fees within 30 days of billing.

☐ 104. EPA ID Number not obtained for waste generation. (CCR 66262.12(a)) Current

Compliance Requirement: Obtain permanent EPA ID Number by submitting Form 1358 to DTSC. Submit your EPA ID Number to this Division.

☐ 106. Facility not operated to prevent a spill or release. (CCR 66265.31) Okay

Compliance Requirement: Facility must conduct housekeeping & operate to prevent all spills. Signature on certification below denotes compliance.

☐ 107. A Contingency Plan has not been established. (CCR 66265.51(a))

☐ 202. A Business Plan has not been established. (CHSC 25503.5)

☐ 203. A Business Plan has not been submitted / updated. (CHSC 25505)

INVENTORY: UST's 4 X 10,000 gal, Anti-freeze 4 X 55 gal, Waste Oil - 1 X 10,000 gal New Oil 7 X 660) compressed Gas Cylinders - Oxygen 18 X 204 ft3 Acetylene 18 X 120

Compliance Requirement: Submit the original and one copy of the Business Emergency/Contingency Plan to this Division. NOTE: You must keep a current copy of your Business Emergency/Contingency Plan onsite and available at all times.

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Container Storage and Labeling Requirements:

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Compliance Requirement: Waste containers must be sound, not leaking and closed when not in use.

Waste Management:

☐ 119. Hazardous waste managed unlawfully. (CHSC 25154) Discussed Universal Haz-Waste

Compliance Requirement: Hazardous waste containers and aboveground tanks must be labeled, closed, and inspected (weekly or daily, as appropriate). Waste is to be removed by a licensed waste hauler within the allowed time periods.

☐ 128. Failure to retain **manifested** waste disposal records for 3 years. (CCR 66262.40(a)) Safety-Kleen

☐ 137. Failure to retain **consolidated** waste disposal records for 3 years. (CHSC 25160.2(b)(3)) Asbury Environmental

Compliance Requirement: Submit copies of waste disposal records for the past

☐ 138. Unlawful management of used oil filters. (CCR 66266.130) Asbury Environmental Service

Compliance Requirement: Label all used oil filter containers with "DRAINED USED OIL FILTERS" and the accumulation start date.

Business Description: Mining and Aggregate Company

Inspected By: Jerry Wong (Sign Name) Jerry Wong (Print Name)

Received By: K F C H (Sign Name) Kurt Arnett (Print Name)

Title: Plant Supv.

Report Date: April 24, 2007

Sign and submit the yellow copy of this form within 30 days with the required documents listed in each "Compliance Requirement" section.

I certify that I have met the compliance requirements of this Notice of Violation: Name Date

PHOTO NARRATIVE

PHOTO 1



PHOTO 2



Facility/Case Name: **Vulcan Materials - Aggragate** Facility ID #: **FA0001676**

Address: **2350 West Highland, San Bernardino,California 92407**

1) Description: **Photo of the compressed gas storage area, 18 oxygen and 18 acetylene**

2) Description: **Uesd motor oil is collected in a 10,000 gallon underground storage tank**

Date Taken: **April 24, 2007**

Taken By: **Jerry Wong** Signature: JW

PHOTO NARRATIVE

PHOTO 1



PHOTO 2



Facility/Case Name: **Vulcan Materials - Aggragate** Facility ID #: **FA0001676**

Address: **2350 West Highland, San Bernardino,California 92407**

1) Description: **Photo of the compressed gas storage area, 18 oxygen and 18 acetylene**

2) Description: **Uesd motor oil is collected in a 10,000 gallon underground storage tank**

Date Taken: **April 24, 2007**

Taken By: **Jerry Wong** Signature: JW

PHOTO 1



PHOTO 2



Facility/Case Name: **Vulcan Materials - Aggragate** Facility ID #: **FA0001676**

Address: **2400 West Highland, San Bernardino,California 92407**

1) Description: **Photo of the compressed gas storage area, 18 oxygen and 18 acetylene**

2) Description: **1,000 Gallon above ground storage tank for gasoline.**

Date Taken: **April 24, 2007**

Taken By: **Jerry Wong** Signature: JW

PHOTO 1



PHOTO 2



Facility/Case Name: **Vulcan Materials - Aggragate** Facility ID #: **FA0001676**

Address: **2400 West Highland, San Bernardino,California 92407**

1) Description: **Photo of the compressed gas storage area, 18 oxygen and 18 acetylene**

2) Description: **1,000 Gallon above ground storage tank for gasoline.**

Date Taken: **April 24, 2007**

Taken By: **Jerry Wong** Signature: _____

Permitted Gen for

DEHS

COUNTY OF SAN BERNARDINO

DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD, SAN BERNARDINO, CA 92415

(714) 387-4629

HAZARDOUS WASTE GENERATOR SURVEY

Name of Business: CAL-MAT Co. ~~Conrock~~
Address: 2400 E Highland ave. SB.
Owner: Cal-Mat Co.
Contact Person: Rainbow Tougas, ~~Elaine Beckett~~ Phone 875 1150
Type of Business: Ready-Mix Products

List any Hazardous Wastes Generated:	Type	Amount

DEHS will call office. Old permit on display, also interim permit for UG-ST.

	Yes	No
Does the business have any underground storage tanks?	✓	
Are there any hazardous materials in greater quanities than 55 gallons?	✓	
Is business a hazardous waste generator?	✓	

Check which items you left: Invoice_____ Application_____
(attach copy to this form)
card Handbook_____

Inspector Catherine B. Richards Date Aug 20, 1987.

Mr. Tougas called.
Current permit will be displayed S6102 90005

6 TANKS

HAZARDOUS WASTE GENERATOR INSPECTION REPORT
County of San Bernardino -- Department of Environmental Health Services

FACILITY NAME: Industrial Asphalt — CONTACT PERSON: Mike Betzler
SITUS ADDRESS: 2340 W. Highland Ave. - S. Bdno. — PHONE #: 875-5180
MAILING ADDRESS: — # EMPLOYEES:
OTHERS PRESENT: — EPA #:

WASTE MANAGEMENT	Stored Over 90 Days	
	Fenced/Bermed	
	Drums Labelled	
	Labels Dated	
	Containers Sound	
	Containers Closed	
	Managed to Prevent Leaks	
	Incompatibles -- Mixed	
	Incompatibles -- Stored	
	Comingling	
	Packaged/Placards	
	50' from Property Line	
	Warning Signs	
DISPOSAL	Manifested	
	Illegal Disposal	
	Discharged to Ground	
	Contaminated Soil	
	Empty Drums	
	Licensed Hauler	
	Class I Site	
RECORDS	Inadequate Records	
	Manifests Available	
	Contingency Plan	
	Permit -- Generator	
PERSONNEL	Training	
	Safety/Emergency Equipment	
	Contact Persons	
	Contingency Plan Knowledge	
TANKS	Leaking	
	Monitored	
	Comingling	
	Permit -- Tanks	

The following violations have been noted and must be corrected as follows:

Business mixes ~~gravel~~ rock / sand / oil for asphalting highways.

No waste is generated from the asphalt mixing plant. - all materials are used + sold.

No trucks are serviced on site - all trucks are owner/operated by individuals doing jobs.

2 loaders on site - these are serviced on site
1 yard truck (7-yard, 10 wheel truck) - this is serviced on site

1-55 gal drum of solvent used per yr to clean parts - no waste - it evaporates
Waste oil is used to lubricate the drive chains on the asphalt plant. - oil is only changed in loaders + yard truck about 1-2 times per year (the trucks are only used a few minutes per day)
2 gal - Slip (soap - petroleum spirits) used to coat truck beds to prevent sticking

ADDITIONAL COMMENTS: 5 - underground tanks used to store oil for asphalt mix
1 - underground tank used for diesel.

Not a generator at this time

limited quantity generator.

INSPECTOR: Nancy Lingafeldt — RECEIVED BY: M.E Betzler — DATE: 3-14-86

3-4-86

Attempted inspection of Industrial Asphalt at 2350 W. Highland Ave., San Bernardino, CA.

Inspection could not be completed because foreman, Mike Betzler was not there. Hours of operation are from 7:00 - 3:00 daily.

Nancy Lungafeldt

Dan –

Mike Betzler – Foreman.
7:00 – 3:00 P.M.
after 11:00 best.

INDUSTRIAL ASPHALT

GENERAL OFFICES: 6840 HAYVENHURST AVENUE, P.O. BOX 7607, VAN NUYS, CALIFORNIA 91409 • TELEPHONE (213) 781-6080

May 7, 1984

Environmental Health Services
County of San Bernardino
385 North Arrowhead Avenue
San Bernardino, CA 92415

Attention: Richard L. Roberts, R.S., MPH
Director

Gentlemen:

This is to advise that we have asphalt plants at the following locations within the geographic limits of San Bernardino County:

Claremont
4711 Huntington Drive
Montclair, CA 91711

Highland
2340 W. Highland Avenue
San Bernardino, CA 92406

Colton
265 E. Santa Ana Avenue
Rialto, CA 92376

Oro Grande
National Trails Highway
Oro Grande, CA 92368

Upland
19th & Campus
Upland, CA 91786

Fontana
8888 Calabash Avenue
Fontana, CA 92335

We do not generate hazardous wastes at any of these locations.

We do store diesel fuel in underground storage tanks at all of these locations.

Sincerely,

INDUSTRIAL ASPHALT

Milton F. Masters

Milton F. Masters, P.E.
Vice President-Technical

cc: Bob Ecklund
Dave Hunter
Don Chaffin
Jim Raysor

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

No. 128899

DATE: February 14, 1985

PERMIT

PERMIT EXPIRES: FEBRUARY 28, 1986

Fee Paid $ 160.00

NON-TRANSFERABLE

TYPE: HAZ WASTE GENERATOR

DIST/MFR: 220086

Employees
~~S.C.~~ S.F. 35

Est. Loc:
2400 W. Highland
San Bernardino

THIS PERMIT MAY BE SUSPENDED OR REVOKED BY THE HEALTH OFFICER FOR CAUSE. THIS PERMIT IS GRANTED ON CONDITION THAT THE PERSON NAMED IN THE PERMIT WILL COMPLY WITH THE LAWS, ORDINANCES AND REGULATIONS THAT ARE NOW OR MAY HEREAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. PENALTY FEES ARE ASSESSED ON PERMITS RENEWED 30 DAYS AFTER EXPIRATION DATE INDICATED ABOVE, OR FOR FAILURE TO OBTAIN NEW PERMIT IN CASE OF TRANSFER OF OWNERSHIP. THIS PERMIT INDICATES THAT THE OWNER/OPERATORS OF THIS FACILITY HAVE BEEN ADVISED OF THE HAZARDOUS WASTE MANAGEMENT REQUIREMENTS OF THE STATE OF CALIFORNIA AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY. THIS PERMIT IS THE PROPERTY OF THE COUNTY OF SAN BERNARDINO AND MAY BE REVOKED FOR NON-COMPLIANCE WITH ANY FEDERAL, STATE, OR LOCAL LAWS, ORDINANCES, RULES, AND REGULATIONS APPLICABLE TO HAZARDOUS WASTE CONTROL."

NAME	CALMAT CO.
D.B.A.	CONROCK DIVISION - San Bernardino
ADDRESS	P.O. BOX 2950 Terminal Annex
CITY & STATE	LOS ANGELES CA 90051

Richard L. Roberts, R.S.
Director
ENVIRONMENTAL HEALTH SERVICES

POST IN A
CONSPICUOUS PLACE

04-1804-631 Rev 11/78.

HAZARDOUS WASTE GENERATOR INSPECTION REPORT
County of San Bernardino -- Department of Environmental Health Services

FACILITY NAME: CONROCK, CO
SITUS ADDRESS: 2400 W. HIGHLAND AV, SB.
MAILING ADDRESS:
OTHERS PRESENT:

CONTACT PERSON: DANNY BECKTELL
PHONE #: 875-1150
EMPLOYEES:
EPA #: CAX0000 57420 25

			The following violations have been noted and must be corrected as follows:
WASTE MANAGEMENT	Stored Over 90 Days		
	Fenced/Bermed		
	Drums Labelled		
	Labels Dated		
	Containers Sound		
	Containers Closed		
	Managed to Prevent Leaks		
	Incompatibles -- Mixed		
	Incompatibles -- Stored		
	Comingling		
	Packaged/Placards		
	50' from Property Line		
	Warning Signs		
DISPOSAL	Manifested	X	Keep receipts/copies from oil haulers and manifest number. Oil to be removed every 90 days.
	Illegal Disposal		
	Discharged to Ground		
	Contaminated Soil		
	Empty Drums		
	Licensed Hauler		
	Class I Site		
RECORDS	Inadequate Records		
	Manifests Available		
	Contingency Plan		
	Permit -- Generator		
PERSONNEL	Training		
	Safety/Emergency Equipment		
	Contact Persons		
	Contingency Plan Knowledge		
TANKS	Leaking		
	Monitored		
	Comingling		
	Permit -- Tanks		

Issued permit

ADDITIONAL COMMENTS: UNDERGROUND STORAGE OF WASTE OIL

INSPECTOR: R Bromley
RECEIVED BY: Arnold L. Bukay
DATE: 11/16/84

ENVIRONMENTAL HEALTH SERVICES

COUNTY OF SAN BERNARDINO
ENVIRONMENTAL
PUBLIC WORKS AGENCY

☒ 385 North Arrowhead Avenue · San Bernardino, CA 92415-0160 · (714) 383-1617
☐ 320 East "D" Street · Ontario, CA 91764 · (714) 988-1324
☐ 15579 Eighth Street · Victorville, CA 92392 · (714) 245-3216
☒ Hazardous Waste/Toxics Control (714) 383-7170

KENNETH C. TOPPING
Deputy Administrator
Community Development

RICHARD L. ROBERTS, R.S., M.P.H
Director

PLEASE REPLY TO ADDRESS CHECKED

Also serving the cities of:

Adelanto	*Needles*
Barstow	*Ontario*
Big Bear Lake	*Rancho Cucamonga*
Chino	*Redlands*
Colton	*Rialto*
Fontana	*San Bernardino*
Grand Terrace	*Upland*
Loma Linda	*Victorville*
Montclair	

June 25, 1984

CONROCK COMPANY - San Bernardino
P.O. BOX 2950 Terminal Annex
Los Angeles, CA 90051

SUBJECT: DELIVERY OF HAZARDOUS WASTE GENERATOR PERMIT

This Department has received and processed your Hazardous Waste Generator Permit Application. Enclosed please find a receipt verifying payment. Your permit will be delivered to you upon inspection of your facility. Until that time, the enclosed receipt will be sufficient proof of payment of your fees.

Richard L. Roberts, R.S.

RICHARD L. ROBERTS, R.S. MPH
Director

RLR:aop

Enclosure

TRACKING SHEET FOR BUSINESS PLANS ***OFM - HAZMAT***

OTHER DATE	ACTION/DOCUMENTATION (UPDATE, NEW PLAN, ETC)
7/9/10	BP update recd MB FD 7/13/10
3/10/11	BP complete recd MB FD 3/18/11
7/12/11	BP Processed MB
3/1/12	COMPLETE BP UPDATE REC.
___/___/___	
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___/___/___	

TRACKING SHEET FOR BUSINESS PLANS

Facility Name: CAL MAT CO.

Facility site address: 2400 HIGHLAND SAN BERNARDINO

City:

MSDS

Fire Agency:

Trade Secrets: _____ Y _____ N

		Sent to FD	Sent to PD
3 (# of copies)			
Business Plan Received	10/18/96	11/14/96	__/__/__
Result of Review(s)			
Deficiency		11/14/96	
Conditional Approval		__/__/__	
Approval		1/10/97	
Revised Plan(s) Received	12/30/96	1/10/97	__/__/__
	__/__/__	__/__/__	__/__/__
	__/__/__	__/__/__	__/__/__

Other Date	Action/documentation (update, new plan, etc.)
3/13/97	MSDS BP entered. DH
1/12/01	update - new BP; Review for send LH FD 1-12-01
1/12/01	MSDS updated LH
3/16/01	update recd - site map; BP Approved LH FD 3-16-0
03/02/04	BP - update new plan FD 3-3-04
08/25/04	BP - revision reqid LH
6/21/05	BP Received JW
5/27/05	BP Update JW
4/24/07	BP Received JW
10/12/07	BP update recd MB
2/20/08	BP Complete recd FD 2/20/08
8/3/09	BP complete recd FD 8/3/09
2/19/10	BP Complete recd FD 4/9/10

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

THIS PERMIT EXPIRES:
04/30/1997

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, 26-50 EMPLOYEES

FEE PAID $598.05

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Richard Lucero
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
ANNUAL INVOICE FOR PERMIT FEES DUE

Establishment No. **86008958**

ANNUAL INVOICE

11/26/1996
PAGE 1 OF 1

Payments previously sent

Permit Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	04/30/1996	05/01/1996-04/30/1997	542.00
8702260927	222801	04/30/1996	05/01/1996-04/30/2001	168.00

This is an overpayment. Credit valid. DEC 19 1996

BILL TO: CAL MAT CO.LUCERO, TONY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

DBA: CAL MAT CO.

Amt. 710.00
Date DEC 17 1996
By

TOTAL AMOUNT DUE: 710.00

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

0700

(Return Top Portion With Payment)

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
DEMAND BILL FOR PERMIT FEES DUE

Establishment No. 86008958

DEMAND BILL

11/15/1996
PAGE 1 OF 1

Permit Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	04/30/1996	05/01/1996-04/30/1997	0.00
8701071107	226011	04/30/1997	05/01/1996-04/30/1997	122.05

DUE TO CATEGORY CHANGES BY YOUR INSPECTOR, THE AMOUNT ON THIS INVOICE IS NOW DUE & PAYABLE. ALL PAYMENTS HAVE BEEN APPLIED AND THIS IS YOUR NEW BALANCE. PAYMENT MUST REACH THIS OFFICE BEFORE 12/15/96 TO AVOID DELINQUENT FEES.

BILL TO: CAL MAT CO.LUCERO, TONY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

DBA: CAL MAT CO.

TOTAL AMOUNT DUE: 122.05
ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

DEC 19 1996 ok

PAID 122.05
Date DEC 17 1996
By

0700 (Return Top Portion With Payment)

ORIGINAL

1297473

Off SD Court San Bernardino County

, Calif., 12-17 19 96

RECEIVED FROM Cal Mat $ 832.05

Eight hundred thirty two + 05/100 DOLLARS

Court Case Name vs.

NATURE OF FEES		
155-9415	664	05
MCJ-9990	168	00
8485/2		
☐ CASH ☐ CHECK ☐ MONEY ORDER	832	05

Case No. 8600 8958

8600 8958

Cindy Echols

(SIGNATURE)

Acct Clerk II

(TITLE)

A-123 REV. 3-80 10-83

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

BUSINESS OWNER / OPERATOR IDENTIFICATION

FACILITY ID #	F	A	0	0	0	1	6	7	6

(This number is on your CUPA permit.)

EFFECTIVE DATE 100	ENDING DATE 101
1-1-11	12-31-11

BUSINESS NAME (Same as FACILITY NAME or DBA)	BUSINESS PHONE
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	(909) 875-1150

BUSINESS SITE ADDRESS 103
2400 W. HIGHLAND AVENUE

CITY 104	COUNTY 108	STATE	ZIP CODE 105
SAN BERNARDINO	SAN BERNARDINO	CA	92407

D&B NUMBER	PRIMARY SIC/NAICS CODE 107	DESCRIPTION OF BUSINESS ACTIVITY FOR THIS PRIMARY SIC CODE
05-300-0767	1442	PRODUCE OF SAND AND GRAVEL AGGREGATES AND ASPHALT

BUSINESS OPERATOR NAME 109	BUSINESS OPERATOR PHONE 110
VULCAN MATERIALS	(909) 875-1150

II. BUSINESS OWNER

OWNER NAME 111	OWNER PHONE 112
CALMAT CO.	(323) 258-2777

OWNER MAILING ADDRESS 113
3200 SAN FERNANDO ROAD

CITY 114	STATE 115	ZIP CODE 116
LOS ANGELES	CA	90065

III. ENVIRONMENTAL CONTACT

CONTACT NAME	CONTACT PHONE 118
TONY VARISCO	(858) 530-9444

CONTACT MAILING ADDRESS 119
7220 TRADE STREET, SUITE 200

CITY 120	STATE 121	ZIP CODE 122
SAN DIEGO	CA	92121

IV. EMERGENCY CONTACTS*

- PRIMARY -	- SECONDARY -
NAME 123 Floyd Sibole	NAME 128 Tad Barnett
TITLE 124 PLANT MANAGER	TITLE 129 ASSISTANT PLANT MANAGER
BUSINESS PHONE 125 909-841-1150	BUSINESS PHONE (909) 875-1150
HOME PHONE **(NOT CONFIDENTIAL - SEE NOTE BELOW)**	HOME PHONE **(NOT CONFIDENTIAL - SEE NOTE BELOW)**
OTHER 24-HOUR PHONE **(NOT CONFIDENTIAL – SEE NOTE BELOW)** 909-841-1081	24-HOUR PHONE **(NOT CONFIDENTIAL – SEE NOTE BELOW)** 131 909-772-7061
PAGER/CELL # 127	PAGER /CELL # 132

***HOME** PHONE NUMBERS ARE REQUIRED FOR ALL HAZARDOUS WASTE GENERATORS. **IF YOU WISH TO KEEP 24-HOUR OR HOME PHONE NUMBERS CONFIDENTIAL, FILE THE CONFIDENTIAL EMERGENCY CONTACT PAGE(PAGE 3) AND LEAVE THE ABOVE 24 HR FIELDS BLANK.** ALSO USE THE SEPARATE PAGE (PAGE 3) TO DESIGNATE MORE THAN 2 EMERGENCY COORDINATORS.

V. SIGNATURE

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER *(print)* 136	DATE 134
Floyd Sibole	Floyd Sibole	2/6/12

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

LOCALLY COLLECTED INVENTORY INFORMATION

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 1 6 7 6 (This number is on your CUPA permit.)

BUSINESS NAME (Same as FACILITY NAME or DBA) 3
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS	CITY 104
2400 W. HIGHLAND AVENUE	SAN BERNARDINO

II. ADDITIONAL CONTACT & OPERATIONS INFORMATION

BUSINESS MAILING ADDRESS	CITY	STATE	ZIP CODE
3200 SAN FERNANDO ROAD	LOS ANGELES	CA	90065

BUSINESS FAX NUMBER	BUSINESS E-MAIL
(323) 258-3289	

NOTE: ALL CORRESPONDENCE, INVOICES, PERMITS, AND NOTICES WILL BE SENT TO THE ABOVE ADDRESS

	SHIFT 1	SHIFT 2	SHIFT 3	HOURS OF OPERATION
Total # of Employees per shift	37	15	0	24 HOURS

	TOTAL # EMPLOYEES		TAXPAYER ID NUMBER
Total # of employees at this facility (as reported on your most recent tax withholding forms.):	52		95-0645790

ASSESSORS PARCEL NUMBER (S)	CROSS STREET

BUSINESS DESCRIPTION
PRODUCE SAND/GRAVEL AGGREGATES AND HOT MIX PAVING ASPHALT

Number of Underground Storage Tanks located at this facility: 3

Does this facility:

1. Generate, handle or store any Perchlorate-containing substance or waste on site? ☐ YES ☒ NO
2. Generate, handle or store any PCB ballasts on site? ☐ YES ☒ NO
   If yes, must include PCB ballasts as hazardous waste on inventory summary and chemical description pages.
3. Generate any amount of Universal Waste (mercury containing devices, non-empty aerosols, electronic devices, fluorescent light tubes, non-automotive batteries)? ☒ YES ☐ NO
4. Generate more than 220 pounds (100 kg) of RCRA hazardous waste including Universal Waste except CRT materials in a calendar month? ☒ YES ☐ NO
5. Accumulate more than 11,000 pounds (5,000 kg) of Universal Waste at any time in a calendar year? ☐ YES ☒ NO
   If yes, must obtain a federal EPA ID number and submit copy of notification to CUPA.
6. Receive Mercury-containing Universal Waste from another Universal Waste Handler? ☐ YES ☒ NO
   If yes, must include mercury-containing wastes as hazardous waste on inventory summary & chemical description pages.
7. Process (dismantle, puncture, etc.) any Universal Wastes? ☐ YES ☒ NO
   If yes, must notify DTSC of processing activity prior to operation.

Provide the name(s) of all Universal Wastes handled or generated on site:
Aerosol cans, fluorescent light bulbs, batteries

If you need more information, get the Managing Universal Waste fact sheet from the website of DTSC, this CUPA, or by calling our office.

Does this facility have a laboratory on site ☐ YES* ☒ NO

* If yes, attach a general description of the laboratory and a **brief** description of the type(s) and quantity of hazardous materials in the lab.

III. VULNERABLE POPULATIONS

Is there a school, hospital, or extended care facility within 1,000 ft. (straight-line distance) of this facility? ☐ YES ☒ NO

If yes, attach page with the name and address of each school hospital or extended care facility site within 1000 ft.

Date: _____

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS NAME (Same as FACILITY NAME or DBA)		
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION		
FACILITY ADDRESS 2400 W. HIGHLAND AVENUE	103	CITY SAN BERNARDINO 104

EMERGENCY RESPONSE PLANS & PROCEDURES - AGENCY NOTIFICATION
POST BY PHONE

Agency Notification: **If a situation is an emergency, call 911 first.** Additionally, a handler of hazardous materials is required to immediately report any release or threatened release of a hazardous material to San Bernardino County Fire Department, Hazardous Materials Division and the Governor's Office of Emergency Services. Spills exceeding federal reportable quantities require additional notification to the National Response Center. However, California statute does not limit the requirement to report to any specific quantity. **Also note that calling 911 does not meet the requirement for the handler to report a release and that the local fire department cannot make required notifications on behalf of the handler.** This CUPA requires a written report within 15 days after any reportable release or threatened release. Contact the CUPA for further guidance.

Agency	Phone Number
1. *Local Emergency Response Agency (if an emergency)	**911**
2. *San Bernardino County Fire Department Hazardous Materials Division	**(800) 33-TOXIC** or **(909) 386-8425**
3. *State of California, Governor's Office of Emergency Services	**(800) 852-7550** or **(916) 845-8911**
4. National Response Center	**(800) 424-8802**
5. Other Agencies *(Cal OSHA, Regional Board, Air Quality, as applicable)*	

(* Indicates mandatory notification.)

REGIONAL WATER QUALITY CONTROL BOARD	(909) 320-2027
Agency Name	*Phone Number*
Agency Name	*Phone Number*
Agency Name	*Phone Number*

EMERGENCY INFORMATION REQUIRED: BE PREPARED TO PROVIDE THE FOLLOWING INFORMATION

- Name & phone number of person reporting
- Name and street address of the business
- Location of the incident or threatened release
- Type of incident or threatened release
- Hazardous materials involved & physical state
- Hazards to human health and/or environment
- Actions taken or planned
- Contractor or cleanup company
- Estimate of the quantity released
- Media (soil, water, air) into which release occurred
- Precautions to take (if known)
- Time and duration of the release
- Is the chemical an extremely hazardous substance?
- Extent of injuries, if any
- Is any assistance required?

Release reporting citations (California Health and Safety Code):

§ 25501. Definitions:
(r) "Release" means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment, unless permitted or authorized by a regulatory agency.
(u) "Threatened release," means a condition creating a substantial probability of harm, when the probability and potential extent of harm make it reasonably necessary to take immediate action to prevent, reduce, or mitigate damages to persons, property, or the environment.

§ 25507(a) ... the handler or any employee, authorized representative, agent, or designee of a handler shall, upon discovery, immediately report any release or threatened release of a hazardous material to the administering agency, and to the office, in accordance with the regulations adopted pursuant to Section 25503. Each handler and any employee, authorized representative, agent, or designee of a handler shall provide all state, city, or county fire or public health or safety personnel and emergency rescue personnel with access to the handler's facilities.

See Appendix G for further citations and explanation.

Date: _____

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS NAME (Same as FACILITY NAME or DBA)			
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION			
FACILITY ADDRESS 2400 W. HIGHLAND AVENUE	103	CITY SAN BERNARDINO	104

EMERGENCY RESPONSE PLANS AND PROCEDURES

State Law requires your business to complete all sections of the Emergency Response Procedure listed below:

For each of the following, **briefly** describe your business's standard operating procedures relating to the release or threatened release of hazardous materials located at your facility. You may attach additional pages if necessary, but do not include copies of facility manuals unless requested to do so by this Department. You may reference manuals that are used by your facility for these procedures, but you must still give a brief description here.

EVACUATION/NOTIFICATION: Indicate location(s) where employees, customers, visitors or others on site are to evacuate in an emergency. Describe how your business will immediately notify people and evacuate the facility in the event of a release or threatened release of hazardous materials. Include the route and meeting place.

LOCAL FIRE DEPT. WILL BE NOTIFIED FIRST AND OTHER AGENCIES AS REQUIRED.

ALL NON-ESSENTIAL PERSONNEL WILL BE EVACUATED TO STAGING AREA.

TELEPHONE AND VOIC COMMUNICATION.

PREVENTION/MITIGATION/ABATEMENT: Describe what policies and procedures your business will follow to prevent, reduce and/or remove the hazard to persons, property or the environment caused by a release or threatened release of hazardous materials and/or hazardous wastes. (√ Check those items that apply and write additional information in the space provided).

- ☒ Reduction of containers on site if not used or needed.
- ☒ Containers are properly labeled and closed when not in use.
- ☒ Compressed gas cylinders are properly secured.
- ☒ Use of monitoring system. Type: **VEEDER ROOT**
- ☒ Other:

DIESEL: STORE IN UNDERGROUND TANKS

HYD/MOTOR OIL: STORE IN CONCRETE CONTAINMENT.

OXYGEN/ACETYLENE: STORE IN UPRIGHT POSITION.

SPILLS OF DIESEL WILL BE CONTAINED WITH DIRT BERM.

CONTAMINATED MATERIAL WILL BE CLEANED UP AND DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS.

Date: _____

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS NAME (Same as FACILITY NAME or DBA)			
MAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION			
FACILITY ADDRESS 2400 W. HIGHLAND AVENUE	103	CITY SAN BERNARDINO	104

EMERGENCY RESPONSE PLANS AND PROCEDURES – PAGE 2

FACILITY TRAINING PLAN: Describe employee and operator training including local emergency response coordination, use of facility emergency equipment, and provisions for initial and refresher training. In addition, describe training for hazardous materials/waste handling as required by OSHA. (√ Check those items that apply and write additional information in the space provided)

- ☒ New employee training.
- ☒ Annual training & periodic refresher courses.
- ☒ Familiarization with the Emergency Response Plans and Procedures of this Business Plan.
- ☒ Spill control equipment
- ☒ Monitoring system
- ☒ Personal Protective Equipment
- ☒ On the job training. Describe below.
- ☐ Other:

All employees are trained with regard to HazCom (employee right-to-know), community right-to-know, Prop. 65, HazWoper and stormwater runoff. Each one of the laws covered deals with accidental spill/release and/or required actions necessary to identify, contain, clean up and properly dispose of hazardous material spills. This would include virgin materials as well as hazardous wastes.

Employees are familiarized with hazardous materials, related personal protective equipment required to handle materials and methods for spill control of releases through individual MSDS training following the annual refresher training. This is an on-going process and is additionally implemented upon the entry of a new material into the workplace.

EMERGENCY PROCEDURES: Give duties of the Emergency Coordinator and how implementation of Facility Emergency Response will be accomplished. (e.g. Notification, evacuation, emergency coordination) (√ Check those items that apply and write additional information in the space provided)

Emergency Coordinator will:

- ☒ Identify potential hazards and determine whether a release has occurred.
- ☒ Activate local emergency systems (e.g. manual shutoff devices) and take appropriate immediate actions based on level of training and the ability to act safely.
- ☒ Coordinate the notification and evacuation of employees and customers from the facility.
- ☒ Make required agency notifications and request needed assistance.
- ☒ Assist responding agencies by providing access to the facility and information about the facility.
- ☐ Other:

Date: _____

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS NAME (Same as FACILITY NAME or DBA)
MAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103	CITY 104
2400 W. HIGHLAND AVENUE	SAN BERNARDINO

EMERGENCY RESPONSE PLANS AND PROCEDURES – PAGE 3

FACILITY EMERGENCY EQUIPMENT: List facility emergency equipment on site (fire extinguisher, fire alarms, spill control equipment, SCBA, first aid kits, etc.); include test/maintenance plan. (√ Check those items that apply and write additional information in the space provided)

	Equipment	Quantity/Type	Maintenance Schedule/Frequency
☒	Fire extinguisher(s)	13	Monthly
☒	First aid kit(s)	4	Bi-Monthly
☐	Fire alarm(s)		
☒	Spill control equipment	7	As needed
☒	Monitoring system	1	Monthly
☒	Personal Protective Equipment	(30) Hard Hats; (96 prs.) Safety Glasses;	Daily
☐		(4 prs.) Steel Toe Caps	Daily
☐			
☐			
☐			

FACILITY EARTHQUAKE RESPONSE: Identify areas of the facility as well as mechanical or other systems that require immediate inspection due to their vulnerability to earthquake related ground motion. (E.g. Hazardous materials or waste storage locations, vessels, piping, pipe and tank supports, valves, gauges, etc.) (√ Check those items that apply and write additional information in the space provided)

- ☒ Chemical Storage Locations – Product and Waste
- ☐ Process vessels
- ☒ Aboveground storage tanks
- ☒ Emergency shut-off systems
- ☒ Piping and pipe supports
- ☒ Utility connections
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

ARRANGEMENTS/AGREEMENTS: Describe any arrangements or agreements that you have with private emergency response teams, waste haulers, disposal companies, recyclers, local hospitals, police or fire. If you have no arrangements or agreements, state that fact in the space provided. (√ Check those items that apply and write additional information in the space provided)

- ☒ Hazardous waste hauler ASBURY ENVIRONMENTAL, SAFETY-KLEEN
- ☐ Emergency response team _____
- ☐ Local Hospitals _____
- ☐ Other: _____
- ☐ No arrangements or agreements at this time

Date: _____

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 1 6 7 6 — 1 (This number is on your CUPA permit.)

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103	CITY 104
2400 W. HIGHLAND AVENUE	SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1	DIESEL FUEL NO. 2	30000	20000	GAL
2	UNLEADED GASOLINE	1000	1000	GAL
3	ANTI-FREEZE	220	55	GAL
4	OILS & GREASE	4500	600	GAL
5	OXYGEN	3840	240	CF
6	ACETYLENE	1920	120	CF
7	WASTE OIL (MOTOR)	10000	10000	GAL

Summarize the business plan inventory on this page. Place this summary in front of inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, 200 cubic feet, or the threshold planning quantity of an extremely hazardous substance. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities MUST sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER (*print*) 136	DATE 134
Floyd Sibole	FLOYD SIBOLE	2/6/12

San Bernardino County CUPA - HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

e page per item. Indicate if material OR waste (Do not combine material and waste on one form)

MAKE COPIES OF THIS FORM AS NEEDED.

ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 1

FACILITY ID #	F A 0 0 0 1 6 7 6 [redacted]	CHEMICAL LOCATION INFORMATION

BUSINESS NAME	FACILITY MAP #	GRID COORDINATE(s)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	1	B3, G4
BUSINESS SITE ADDRESS: 2400 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME

TRADE SECRET ☒ NO
Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures

COMMON NAME: DIESEL FUEL NO. 2

EHS* ☐ YES ☒ NO

CAS#

EHS = Extremely Hazardous Substance (Appdx B)
*If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE? Yes ☐ No ☒ CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST

SIZE OF LARGEST CONTAINER: 20000

FED HAZARD CATEGORIES ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
10000	30000		

UNITS* *(Check one item only)* ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER:

DAYS ON SITE: 365

TYPE OF STORAGE CONTAINER *(Check all that apply)*

☐ a. ABOVEGROUND TANK ☒ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.	0-100	DISTILLATES, HYDRODESULFURIZED, MIDDLE	☐ YES ☒ NO	64742809
2.	0-100	DISTILLATES, STRAIGHT RUN MIDDLE (GAS OIL , LIGHT)	☐ YES ☒ NO	64741442
3.	0-25	KEROSINE	☐ YES ☒ NO	8008206
4.	0-25	KEROSINE, HYDRODESULFURIZED	☐ YES ☒ NO	64742810
5.	0-50	DISTILLATES (PETROLEUM), LIGHT CATALYTIC CRACKED	☐ YES ☒ NO	64741599

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

One page per item. Indicate if material OR waste (Do not combine material and waste on one form)

MAKE COPIES OF THIS FORM AS NEEDED.

ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 2

FACILITY ID #	F A 0 0 0 1 6 7 6	CHEMICAL LOCATION INFORMATION

BUSINESS NAME	FACILITY MAP #	GRID COORDINATE(s)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	1	B3
BUSINESS SITE ADDRESS: 2400 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME	TRADE SECRET ☒ NO Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME: UNLEADED GASOLINE	EHS* ☐ YES ☒ NO
CAS#	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)*: ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE? Yes ☐ No ☒ CURIES

PHYSICAL STATE *(Check one item only)*: ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST

SIZE OF LARGEST CONTAINER: 1000

FED HAZARD CATEGORIES: ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
900	1000		

UNITS* *(Check one item only)*: ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER:

DAYS ON SITE: 365

STORAGE CONTAINER *(Check all that apply)*:

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC/NONMETALLIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☒ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1. 0.1-4.9	BENZENE	☐ YES ☒ NO	71432
2. 0.1-3	ETHYL BENZENE	☐ YES ☒ NO	100414
3. 0.1-2	NAPHTHALENE	☐ YES ☒ NO	91203
4. 0-10	ETHANOL	☐ YES ☒ NO	64175
5. 0-15	METHYL TERT-BUTYL ETHER (MTBE)	☐ YES ☒ NO	1634044

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

...e page per item. Indicate if material OR waste (Do not combine material and waste on one form)

MAKE COPIES OF THIS FORM AS NEEDED.

ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 2

FACILITY ID #	F A 0 0 0 1 6 7 6 [redacted]	CHEMICAL LOCATION INFORMATION
BUSINESS NAME CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	FACILITY MAP # 1	GRID COORDINATE(s) B3 [redacted]
BUSINESS SITE ADDRESS 2400 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME	TRADE SECRET ☒ NO Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME UNLEADED GASOLINE (CONTINUED FROM PREVIOUS PAGE)	EHS* ☐ YES ☒ NO
CAS#	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE | RADIOACTIVE? Yes ☐ No ☒ | CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST | SIZE OF LARGEST CONTAINER: 1000

FED HAZARD CATEGORIES ☒ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☒ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
900	1000		

UNITS* *(Check one item only)* ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER: | DAYS ON SITE 365

...RAGE ...NTAINER *(Check all that apply)*

☐ a. ABOVEGROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☒ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.	0-17	TERTIARY AMYL METHYL ETHER (TAME)	☐ YES ☒ NO	994058
2.	0-18	ETHYL TERT-BUTYL ETHER (ETBE)	☐ YES ☒ NO	637923
3.			☐ YES ☐ NO	
4.			☐ YES ☐ NO	
5.			☐ YES ☐ NO	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

[illegible]e page per item. Indicate if material OR waste (Do not combine material and waste on one form)

MAKE COPIES OF THIS FORM AS NEEDED.

ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 3

FACILITY ID #	F A 0 0 0 1 6 7 6 [redacted]	CHEMICAL LOCATION INFORMATION

BUSINESS NAME	FACILITY MAP #	GRID COORDINATE(s)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	1	B3
BUSINESS SITE ADDRESS: 2400 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME	TRADE SECRET ☒ NO Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME ANTI-FREEZE	EHS* ☐ YES ☒ NO
CAS#	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE | RADIOACTIVE? Yes ☐ No ☒ | CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST | SIZE OF LARGEST CONTAINER: 55

FED HAZARD CATEGORIES ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
110	220		

UNITS* *(Check one item only)* ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER: | DAYS ON SITE 365

STORAGE CONTAINER *(Check all that apply)*

☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☒ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.	45-50	ETHYLENE GLYCOL	☐ YES ☒ NO	107211
2.	1-5	DIETHYLENE GLYCOL	☐ YES ☒ NO	111466
3.			☐ YES ☐ NO	
4.			☐ YES ☐ NO	
5.			☐ YES ☐ NO	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

One page per item. Indicate if material OR waste (Do not combine material and waste on one form)

MAKE COPIES OF THIS FORM AS NEEDED.

ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 4

FACILITY ID # F A 0 0 0 1 6 7 6 [redacted]

CHEMICAL LOCATION INFORMATION

BUSINESS NAME
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS
2400 W. HIGHLAND AVENUE, SAN BERNARDINO

FACILITY MAP # 1

GRID COORDINATE(s) B3, G3

[redacted]

CHEMICAL INFORMATION

CHEMICAL NAME

TRADE SECRET ☒ NO
Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures

COMMON NAME
OILS & GREASE

EHS* ☐ YES ☒ NO

CAS#

EHS = Extremely Hazardous Substance (Appdx B)
*If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☐ a. PURE ☒ b. MIXTURE ☐ c. WASTE

RADIOACTIVE? Yes ☐ No ☒ CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST

SIZE OF LARGEST CONTAINER: 600

FED HAZARD CATEGORIES ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
2300	4500		

UNITS* *(Check one item only)* ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER:

DAYS ON SITE 365

STORAGE CONTAINER *(Check all that apply)*

☒ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☒ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1. 0-100	HIGHLY REFINED BASE OILS	☐ YES ☒ NO	MIXTURE
2.	LUBRICATING OIL BASE STOCK	☐ YES ☒ NO	MIXTURE
3.	PROPRIETARY ADDITIVES	☐ YES ☒ NO	MIXTURE
4.		☐ YES ☐ NO	
5.		☐ YES ☐ NO	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

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620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

e page per item. Indicate if material OR waste (Do not combine material and waste on one form)

MAKE COPIES OF THIS FORM AS NEEDED.

ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 5

FACILITY ID #	F A 0 0 0 1 6 7 6 [redacted]	CHEMICAL LOCATION INFORMATION

BUSINESS NAME	FACILITY MAP #	GRID COORDINATE(s)	[redacted]
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	1	B3, G3	
BUSINESS SITE ADDRESS 2400 W. HIGHLAND AVENUE, SAN BERNARDINO			

CHEMICAL INFORMATION

CHEMICAL NAME OXYGEN	TRADE SECRET ☒ NO Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME OXYGEN	EHS* ☐ YES ☒ NO
CAS# 7782447	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)*: ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE

RADIOACTIVE? Yes ☐ No ☒ CURIES

PHYSICAL STATE *(Check one item only)*: ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS ☐ d. DUST

SIZE OF LARGEST CONTAINER: 240

FED HAZARD CATEGORIES: ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
1920	3840		

UNITS* *(Check one item only)*: ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER:

DAYS ON SITE: 365

STORAGE CONTAINER *(Check all that apply)*:

- ☐ a. ABOVEGROUND TANK
- ☐ b. UNDERGROUND TANK
- ☐ c. TANK INSIDE BUILDING
- ☐ d. STEEL DRUM
- ☐ e. PLASTIC/NONMETALLIC DRUM
- ☐ f. CAN
- ☐ g. CARBOY
- ☐ h. SILO
- ☐ i. FIBER DRUM
- ☐ j. BAG
- ☐ k. BOX
- ☒ l. CYLINDER
- ☐ m. GLASS BOTTLE
- ☐ n. PLASTIC BOTTLE
- ☐ o. TOTE BIN
- ☐ p. TANK WAGON
- ☐ q. RAIL CAR
- ☐ r. OTHER

STORAGE PRESSURE: ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.		☐ YES ☐ NO	
2.		☐ YES ☐ NO	
3.		☐ YES ☐ NO	
4.		☐ YES ☐ NO	
5.		☐ YES ☐ NO	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☒ MATERIAL ☐ WASTE

e page per item. Indicate if material OR waste (Do not combine material and waste on one form)

MAKE COPIES OF THIS FORM AS NEEDED.

ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 6

FACILITY ID #	F A 0 0 0 1 6 7 6 [redacted]	CHEMICAL LOCATION INFORMATION

BUSINESS NAME	FACILITY MAP #	GRID COORDINATE(s)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	1	B3, G3
BUSINESS SITE ADDRESS: 2400 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME	TRADE SECRET ☒ NO
ACETYLENE	Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME: ACETYLENE	EHS* ☐ YES ☒ NO
CAS#: 74862	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)*: ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE

RADIOACTIVE? Yes ☐ No ☒ CURIES

PHYSICAL STATE *(Check one item only)*: ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS ☐ d. DUST

SIZE OF LARGEST CONTAINER: 120

FED HAZARD CATEGORIES: ☒ a. FIRE ☒ b. REACTIVE ☒ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
960	1920		

UNITS* *(Check one item only)*: ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER:

DAYS ON SITE: 365

STORAGE CONTAINER *(Check all that apply)*:
☐ a. ABOVEGROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER ☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE: ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE: ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.		☐ YES ☐ NO	
2.		☐ YES ☐ NO	
3.		☐ YES ☐ NO	
4.		☐ YES ☐ NO	
5.		☐ YES ☐ NO	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

San Bernardino County CUPA · HAZARDOUS MATERIALS DIVISION
620 South E Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

HAZARDOUS MATERIALS INVENTORY FORM - Chemical Description

☐ MATERIAL
☒ WASTE

e page per item. Indicate if material OR waste (Do not combine material and waste on one form)
MAKE COPIES OF THIS FORM AS NEEDED.
ATTACH A MATERIAL SAFETY DATA SHEET (MSDS) IF THE MATERIAL IS NOT LISTED IN APPENDIX I OF THIS GUIDE.

ITEM NUMBER 7

FACILITY ID #	F A 0 0 0 1 6 7 6 [redacted]	CHEMICAL LOCATION INFORMATION

BUSINESS NAME	FACILITY MAP #	GRID COORDINATE(s)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	1	B3
BUSINESS SITE ADDRESS 2400 W. HIGHLAND AVENUE, SAN BERNARDINO		

CHEMICAL INFORMATION

CHEMICAL NAME	TRADE SECRET ☒ NO Do not disclose trade secrets here. Contact this Dept for trade secret filing instructions. If EPCRA, follow EPA procedures
COMMON NAME WASTE OIL (MOTOR)	EHS* ☐ YES ☒ NO
CAS#	EHS = Extremely Hazardous Substance (Appdx B) *If EHS is "YES", all amounts MUST be in pounds

HAZARDOUS MATERIAL TYPE *(Check one item only)* ☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE | RADIOACTIVE? Yes ☐ No ☒ | CURIES

PHYSICAL STATE *(Check one item only)* ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS ☐ d. DUST | SIZE OF LARGEST CONTAINER: 10000

FED HAZARD CATEGORIES ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE AMOUNT	MAXIMUM AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
1000	10000	15000	221

UNITS* *(Check one item only)* ☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS ☐ E. OTHER: | DAYS ON SITE 365

STORAGE CONTAINER *(Check all that apply)*

☐ a. ABOVEGROUND TANK	☐ e. PLASTIC/NONMETALLIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☒ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	COMPOSITION (LIST ALL COMPONENTS, HAZARDOUS FIRST)	EHS	CAS #
1.	0-100	BASE OIL – HIGHLY REFINED	☐ YES ☒ NO	MIXTURE
2.			☐ YES ☐ NO	
3.			☐ YES ☐ NO	
4.			☐ YES ☐ NO	
5.			☐ YES ☐ NO	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic or 0.1% by weight if carcinogenic, attach additional sheets

NOTES *(Trade names/synonyms or other information relevant to the substances listed)*

If EPCRA, Owner/Operator please sign this page

Date: _____

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

CERTIFICATE OF COMPLIANCE

Return Certification within 30 Days of Receipt to Inspector Greg Zeigler

In the Matter of Respondent: **Tad Barnett**

Violation(s) cited on: **6/13/2014** *FA #::* **FA0001676**

Facility Name: **Vulcan Materials West Division #2**

Site Address: **2400 W. Highland Ave. San Bernardino, 92407**

Certificate of Compliance Date: **7/13/2014**

I certify under penalty of law that:

- *Respondent has corrected the violations specified in the above-entitled action.*
- *I have personally examined any documentation attached to this certification to establish that the violations have been corrected.*
- *Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.*
- *I am authorized to file this certification on behalf of the Respondent.*
- *I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.*

Charles St. John
Signature

7/11/14
Date

Charles St. John
Printed or Typed Name

Lt Regional Env Manager
Title

Attach the following documentation when returning the Certificate of Compliance:

1. **Signed statement indicating that all bulk storage containers, including the mobile refueler, have been added to the SPCC Plan.**

Zeigler, Greg

From: St John, Charles [stjohnc@vmcmail.com]
Sent: Friday, July 11, 2014 1:56 PM
To: Zeigler, Greg
Subject: Re: Scanned image from PRP

The SPCC plan has been amended to include the lube truck (mobile refueler) and is undergoing final review by the PE as we speak. He should sign and stamp it early next week and I will get a copy out to the plant.

You were totally right Sir. It should have been in there. In fact, I was updating another plants SPCC and their lube truck was listed there. Just fell through the cracks I guess

Charles St. John
LA Regional Environmental Manager
818-553-8938

On Fri, Jul 11, 2014 at 1:48 PM, Zeigler, Greg <gzeigler@sbcfire.org> wrote:

Thank you,

Also, just to verify the SPCC plan has been or is in the process of being updated to include the mobile re-fueler. Or justification as to why you don't have to disclose it.

From: St John, Charles [mailto:stjohnc@vmcmail.com]
Sent: Friday, July 11, 2014 1:44 PM
To: Zeigler, Greg; Floyd E Sibole; Tad A Barnett
Subject: Fwd: Scanned image from PRP

Good afternoon Sir,

I updated CERS a couple days ago and it should be available for your review. Should you have any comments or questions please contact me.

Regards,

Charles St. John

LA Regional Environmental Manager

818-553-8938

---------- Forwarded message ----------
From: **WED-PRP-Sharp-Cpr@vmcmail.com** <WED-PRP-Sharp-Cpr@vmcmail.com>
Date: Fri, Jul 11, 2014 at 2:54 PM
Subject: Scanned image from PRP
To: stjohnc@vmcmail.com

Reply to: WED-PRP-Sharp-Cpr@vmcmail.com <WED-PRP-Sharp-Cpr@vmcmail.com>
Device Name: PRP
Device Model: MX-5111N
Location: Properties Copy Area

File Format: PDF (Medium)
Resolution: 200dpi x 200dpi

Attached file is scanned image in PDF format.
Use Acrobat(R)Reader(R) or Adobe(R)Reader(R) of Adobe Systems Incorporated to view the document.
Adobe(R)Reader(R) can be downloaded from the following URL:
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OFFICIAL USE

6/13/14

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Postmark Here

Total Postage

Sent To

Vulcan Materials West Division #2

Street, Apt. No.; or PO Box No.

500 N. Brand Blvd. Ste. 500

City, State, ZIP+

Glendale, CA 91203

PS Form 3800, August 2006 See Reverse for Instructions

Certified Mail Provides:

- A mailing receipt
- A unique identifier for your mailpiece
- A record of delivery kept by the Postal Service for two years

Important Reminders:

- Certified Mail may ONLY be combined with First-Class Mail® or Priority Mail
- Certified Mail is *not* available for any class of international mail.
- NO INSURANCE COVERAGE IS PROVIDED with Certified Mail. Fo valuables, please consider Insured or Registered Mail.
- For an additional fee, a *Return Receipt* may be requested to provide proof o delivery. To obtain Return Receipt service, please complete and attach a Retur Receipt (PS Form 3811) to the article and add applicable postage to cover th fee. Endorse mailpiece "Return Receipt Requested". To receive a fee waiver fo a duplicate return receipt, a USPS® postmark on your Certified Mail receipt i required.
- For an additional fee, delivery may be restricted to the addressee o addressee's authorized agent. Advise the clerk or mark the mailpiece with th endorsement *"Restricted Delivery"*.
- If a postmark on the Certified Mail receipt is desired, please present the arti cle at the post office for postmarking. If a postmark on the Certified Ma receipt is not needed, detach and affix label with postage and mail.

IMPORTANT: Save this receipt and present it when making an inquiry.

PS Form 3800, August 2006 *(Reverse)* PSN 7530-02-000-9047

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Vulcan Materials West Division #2
500 N. Brand Blvd. Ste. 500
Glendale, CA 91203

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)* [signature] C. Date of Delivery 6-16-14

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☑ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Transfer from service label)* 7012 0470 0001 0037 5779

PS Form 3811, July 2013 Domestic Return Receipt

UNITED STATES POSTAL SERVICE

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, ad ss, and ZIP+4® in this box•

County of San Bernardino
Office Of The Fire Marshall
Attn: Greg Zeigler
620 South "E" Street
San Bernardino, CA 92415-0153

RECEIVED
JUN 18 2014
S.B. CO. FIRE DEPT.

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

Facility #: FA0001676 Facility Name: Vulcan Materials West Division #2 Inspection Date: 6/10/2014

Site Address: 2400 W. Highland Ave. Phone #: (909) 875-1150

City: San Bernardino Zip Code: 92407 EPA ID #: CAD981568579

Consent Granted by:

☒ Inspect ☒ Photograph Name: Tad Barnett Title: Asst. Plant Manager # Emp: 31

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 of the Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC). The following code sections are either in Violation (V) of, in Compliance (C) with, the applicable laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS FOR GENERATORS		V	C	N
101. Hazardous Waste Generator Permit current	CC 23.0602(b)(1)		X	
102. Facility access for inspection granted - HW only	CHSC 25185		X	
103. Hazardous Waste determination made	CCR 66262.11		X	
104. EPA ID Number obtained	CCR 66262.12(a)		X	
105. Hazardous Waste storage/treatment authorization	CHSC 25189.5(d)			X
106. Facility operated/maintained to prevent release/fire	CCR 66265.31		X	
107. Contingency Plan established	CCR 66265.51(a)		X	
108. Recyclable materials managed lawfully	CHSC 25143.2			X
905. Universal Waste managed lawfully	CCR 66273.1		X	
STORAGE AND LABELING REQUIREMENTS				
110. Tank/container labeled/marked "Hazardous Waste"	CCR 66262.34(f)(3)		X	
111. Hazardous Waste label complete	CCR 66262.34(f)(3)		X	
112. Accumulation start date on tank/container	CCR 66262.34(f)(2)		X	
113. Hazardous Waste accumulation time not exceeded	CCR 66262.34		X	
114. Hazardous Waste containers sound	CCR 66265.171		X	
[illegible]. Hazardous Waste containers not leaking	CCR 66265.173(b)		X	
[illegible]. Hazardous Waste containers closed	CCR 66265.173(a)		X	
117. Contaminated containers managed properly	CCR 66261.7		X	
118. Container storage area inspected weekly	CCR 66265.174		X	
119. Hazardous Waste managed lawfully	CHSC 25154		X	
120. Hazardous Waste aboveground tank system inspected	CCR 66262.34			X
HAZARDOUS WASTE RECORDS AND MANIFESTS				
125. Hazardous Waste transported with a manifest	CCR 66262.20(a)		X	
126. Hazardous Waste manifest complete	CCR 66262.23		X	
127. Hazardous Waste manifests sent to DTSC	CCR 66262.23(a)(4)		X	
128. Manifests retained for at least 3 years	CCR 66262.40(a)		X	
129. Biennial Report prepared	CCR 66262.41			X
130. Hazardous Waste analyses retained for 3 years	CCR 66262.40(c)			X
131. Training documentation complete & available	CCR 66265.16		X	
132. Copy of completed SB 14 available	CCR 67100.3			X
135. Used oil managed properly	CHSC 25250.4		X	
136. Used oil not contaminated with Hazardous Waste	CHSC 25250.7			X
137. Consolidated manifesting records available	CHSC 25160.2(b)(3)		X	
138. Used oil filters managed lawfully	CCR 66266.130		X	
139. Spent lead acid batteries managed lawfully	CCR 66266.81		X	
DISPOSAL AND TRANSPORTATION				
145. Illegal disposal/abandonment of Hazardous Waste	CHSC 25189.5(a)			X
146. Illegal disposal of used oil	CHSC 25250.5(a)			X
147. Transporting Hazardous Waste w/o valid registration	CHSC 25163			X
148. Hazardous Waste hauled by transporter w/o valid registration	CHSC 25163			X
149. Hazardous Waste transported to an unauthorized facility	CHSC 25189.5(c)			X

GENERAL REQUIREMENTS FOR HANDLERS		V	C	N
201. Hazardous Material Handler permit current	CC 23.0602(b)(3)		X	
202. Business Plan established	CHSC 25503.5		X	
203. Business Plan submitted/updated	CHSC 25508	X		
204. Hazardous Materials release reported	CHSC 25507			X
205. Facility access for inspection granted – HM	CHSC 25508		X	
206. Regulated Substances registration filed	CHSC 25533			X
207. SPCC Plan prepared	CHSC 25270.4.5		X	

INSPECTION NARRATIVE

This was an unannounced compliance inspection to verify compliance with hazardous materials and waste laws and regulations. Tad Barnett and Jeff Ludy (Plant Foreman) provided consent and escort for the inspection. Photographs taken.

Facility operations are consistent with those described in the report from the last inspection on July 14th, 2011 by M. Bechel of this agency.

Hazardo
During t
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Environr
February
items tha
page).

Mail Certified to:
Vulcan Materials West Div. #2
500 N. Brand Blvd. ste 500
Glendale, CA 91203

☒ **NOTICE OF VIOLATION**: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: _____ (Sign Name) Greg Zeigler (Print Name)

Received By: Sent by Certified Mail (Sign Name) _____ (Print Name) Title: _____

Report Date: 6/13/2014

Form Revised 1/16/2007

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 1 6 7 6 — 1 (This number is on your CUPA permit.)

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103	CITY 104
2400 W. HIGHLAND AVENUE	SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1	DIESEL FUEL NO. 2	30000 → 20000	20000	GAL
2	UNLEADED GASOLINE	1000	1000	GAL
3	ANTI-FREEZE	220	55	GAL
4	OILS & GREASE	4500	600	GAL
5	OXYGEN	3840	240	CF
6	ACETYLENE	1920	120	CF
7	WASTE OIL (MOTOR)	~~10000~~ 4,500	~~10000~~ 4,500	GAL

Summarize the business plan inventory on this page. Place this summary in front of inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, 200 cubic feet, or the threshold planning quantity of an extremely hazardous substance. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities MUST sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER *(print)* 136	DATE 134
Scott Bevan	SCOTT BEVAN	2/22/2011

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

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BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only – Log In/Date Stamp

RECEIVED
MAR 01 2012
S.B. CO. FIRE DEPT.

FACILITY ID #	F	A	0	0	0	1	6	7	6

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2400 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

Submission Checklist ☒ — *Items with an ' * ' are considered "Inventory" under State disclosure laws*

- ☒ * Business Activities Form
- ☒ * Business Owner/Operator Identification Form
- ☒ * Supplemental Emergency Contact Page
- ☒ Emergency Response Plans and Procedures
- ☒ * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
- ☒ * One Hazardous Materials Inventory Form for each hazardous material (including wastes) which meet reporting criteria
- ☐ * Material Safety Data Sheets attached to the inventory form of each material not listed in Appendix I.
- ☒ * Facility map (using grid form provided) consisting of all required features including the location of each inventoried item.
- ☒ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- ☒ Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- ☒ ***Retain one copy of the business emergency/contingency plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

☒ Please incorporate the following into my business emergency/contingency plan.

- ☒ New Business Owner/Operator Identification Form
- ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
- ☒ New Supplemental Emergency Contact Page.

☐ Other: _____

Brief explanation of changes: _____

☐ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:

- The information contained in the inventory most recently submitted to the CUPA is complete, accurate and up to date.
- There has been no change in the quantity, storage, or handling of hazardous materials (including waste) reported in the most recently submitted inventory.
- No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
- This certification is **not** being made to meet annual inventory submission requirements of EPCRA. (**EPCRA requires complete annual submission**)

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER
Floyd Sibole ENTERED	2/6/12	John R. Janke 135
NAME OF SIGNER *(print)*		TITLE OF SIGNER *(print)*
FLOYD SIBOLE MAR 22 2012		PLANT MANAGER

BY: _____

FD SENT
MAR 02 2012

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E", San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 1 6 7 6 [redacted]

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

EPA ID # (Hazardous Waste Only)
CAD981568579

BUSINESS ADDRESS
2400 W. HIGHLAND AVENUE

CITY
SAN BERNARDINO

ZIP CODE
92407

II. ACTIVITIES DECLARATION

Does your facility...		If YES, the following additional information is required... (Items with an '*' must be submitted to this department)
A. HAZARDOUS MATERIALS		
1. Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases; or the applicable Federal threshold quantity for an extremely hazardous substance; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70; or handle ANY amount of Class 1 or 2 explosives; or ANY amount Category I or II pesticides.	☒ YES ☐ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Have extremely hazardous substances above threshold planning quantities or hazardous substances in quantities greater than 10,000 lbs (except retail gas stations up to 75,000 gallons of gasoline or 100,000 gallons of diesel fuel in upgraded USTs) or otherwise subject to EPCRA 311-312 reporting requirements.	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Must file annually according to EPCRA instructions to meet EPCRA SARA Title III Tier 2 reporting requirements – see instructions, pg i.)
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731) * CalARP REGISTRATION FORM (See Section V of BP guidelines and forms)
UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks?	☒ YES ☐ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
3. Need to report closing a UST?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank) * HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Store greater than 1320 gallons of petroleum products (new or used) in aboveground tanks or containers?	☒ YES ☐ NO	IF YES, PREPARE AND MAINTAIN A SPILL PREVENTION CONTROL & COUNTERMEASURES PLAN (SPCC) TO ADDRESS RELEASES FROM ABOVEGROUND STORAGE OF PETROLEUM AT YOUR FACILITY.
E. HAZARDOUS WASTE		EPA ID NUMBER—provide at the top of this page
1. Generate ANY amount of hazardous waste?	☒ YES ☐ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES ☒ NO	* RECYCLABLE MATERIALS REPORT (Pages 1 and 2)
3. Treat hazardous waste on site?	☐ YES ☒ NO	* ONSITE HAZARDOUS WASTE TRT - FACILITY * ONSITE HAZARDOUS WASTE TRT - UNIT (one per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO	* CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidated hazardous waste generated at a remote site?	☐ YES ☒ NO	* REMOTE WASTE/CONSOLIDATED SITE ANNUAL NOTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☒ NO	IF YES, OBTAIN FEDERAL EPA ID NUMBER, FILE BIENNIAL REPORT (EPA FORM 8700-13A/B) WITH USEPA, AND SATISFY REQUIREMENTS FOR RCRA LARGE QUANTITY GENERATOR.

U.S. Postal Service™

CERTIFIED MAIL™ RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)



For delivery information visit our website at www.usps.com®

Mark 7/18/11

OFFICIAL USE

Postage	$
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Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	

Postmark Here

Vulcan Materials
Attn: Scott Bevan
2400 W. Highland Ave
San Bernardino, CA 92407

PS Form 3800, August 2006 See Reverse for Instructions

7010 0290 0003 2053 8474

Certified Mail Provides:

- A mailing receipt
- A unique identifier for your mailpiece
- A record of delivery kept by the Postal Service for two years



Important Reminders:

- Certified Mail may ONLY be combined with First-Class Mail® or Priority Mail
- Certified Mail is *not* available for any class of international mail.
- NO INSURANCE COVERAGE IS PROVIDED with Certified Mail. Fo valuables, please consider Insured or Registered Mail.
- For an additional fee, a *Return Receipt* may be requested to provide proof o delivery. To obtain Return Receipt service, please complete and attach a Retur Receipt (PS Form 3811) to the article and add applicable postage to cover th fee. Endorse mailpiece "Return Receipt Requested". To receive a fee waiver fo a duplicate return receipt, a USPS® postmark on your Certified Mail receipt i required.
- For an additional fee, delivery may be restricted to the addressee o addressee's authorized agent. Advise the clerk or mark the mailpiece with th endorsement *"Restricted Delivery"*.
- If a postmark on the Certified Mail receipt is desired, please present the art cle at the post office for postmarking. If a postmark on the Certified Ma receipt is not needed, detach and affix label with postage and mail.

IMPORTANT: Save this receipt and present it when making an inquiry.

PS Form 3800, August 2006 *(Reverse)* PSN 7530-02-000-9047

Current Track & Confirm e-mail information provided by the U.S. Postal Service.

Label Number: 7010 2780 0000 5227 9446

Service Type: Certified Mail(TM)

Shipment Activity	Location	Date & Time
Delivered	SAN BERNARDINO CA 92407	07/19/11 10:01am
Arrival at Unit	SAN BERNARDINO CA 92407	07/19/11 5:57am
Processed through USPS Sort Facility	SAN BERNARDINO CA 92403	07/19/11 12:28am
Processed through USPS Sort Facility	SAN BERNARDINO CA 92403	07/18/11 6:50pm

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

HAZARDOUS WASTE GENERATOR AND HAZARDOUS MATERIALS HANDLER INSPECTION REPORT

FA #: 1676 Facility Name: VULCAN MATERIALS, WESTERN DIVISION #2 Inspection Date: July 14, 2011

Site Address: 2400 W. HIGHLAND AVE. Phone #: 909 875-1150

City: SAN BERNARDINO Zip Code: 92407 EPA ID #: CAD981568579

Consent Granted by:

☒ Inspect ☒ Photograph Name: TAD BARNETT Title: ASSISTANT PLANT MANGER # Emp: 29

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapter 6.5 of the Health and Safety Code (CHSC) and Division 3 of Title 2 of the San Bernardino County Code (CC). The following code sections are either in Violation (V) of, in Compliance (C) with, the applicable laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS FOR GENERATORS		V	C	N
101. Ha			X	
102. Fac			X	
103. Ha				X
104. EPI			X	
105. Ha				X
106. Fac			X	
107. Cor			X	
108. Rec				X
905. Uni			X	
110. Tan			X	
111. Haz		X	C	
112. Acc			X	
113. Haz			X	
114. Haz			X	
115. Haz			X	
116. Haz			X	
117. Cont			X	
118. Cont			X	
119. Haz... waste managed lawfully	CHSC 25154		X	
120. Hazardous Waste aboveground tank system inspected	CCR 66262.34		X	
HAZARDOUS WASTE RECORDS AND MANIFESTS				
125. Hazardous Waste transported with a manifest	CCR 66262.20(a)		X	
126. Hazardous Waste manifest complete	CCR 66262.23		X	
127. Hazardous Waste manifests sent to DTSC	CCR 66262.23(a)(4)		X	
128. Manifests retained for at least 3 years	CCR 66262.40(a)		X	
129. Biennial Report prepared	CCR 66262.41			X
130. Hazardous Waste analyses retained for 3 years	CCR 66262.40(c)		X	
131. Training documentation complete & available	CCR 66265.16		X	
132. Copy of completed SB 14 available	CCR 67100.3			X
135. Used oil managed properly	CHSC 25250.4		X	
136. Used oil not contaminated with Hazardous Waste	CHSC 25250.7		X	
137. Consolidated manifesting records available	CHSC 25160.2(b)(3)		X	
138. Used oil filters managed lawfully	CCR 66266.130		X	
139. Spent lead acid batteries managed lawfully	CCR 66266.81			X
DISPOSAL AND TRANSPORTATION				
145. Illegal disposal/abandonment of Hazardous Waste	CHSC 25189.5(a)			X
146. Illegal disposal of used oil	CHSC 25250.5(a)			X
147. Transporting Hazardous Waste w/o valid registration	CHSC 25163			X
148. Hazardous Waste hauled by transporter w/o valid registration	CHSC 25163			X
149. Hazardous Waste transported to an unauthorized facility	CHSC 25189.5(c)			X

GENERAL REQUIREMENTS FOR HANDLERS		V	C	N
201. Hazardous Material Handler permit current	CC 23.0602(b)(3)		X	
202. Business Plan established	CHSC 25503.5		X	
203. Business Plan submitted/updated	CHSC 25505		X	
204. Hazardous Materials release reported	CHSC 25507			X
205. Facility access for inspection granted – HM	CHSC 25508		X	
206. Regulated Substances registration filed	CHSC 25533			X
207. SPCC Plan prepared	CHSC 25270.4.5		X	

Mail to: Certified
Vulcan Materials
2400 W. Highland Ave.
San Bernardino CA 92407
ATTN: Scott Bevan

INSPECTION NARRATIVE

An inspection was conducted to determine compliance with hazardous material handler and hazardous waste generator laws and regulations. Consent to conduct the inspection and photograph the facility was given by Assistant Plant Manger, Tad Barnett. Also present during the inspection was Vulcan Materials Plant Manager, Scott Bevan; Vulcan Materials Western Division Environmental Specialist, John Janke; and Vulcan Materials Mobile Equipment Foreman, Jeff Ludy. Steel toed boots, safety glasses and hard hats are required safety gear at this facility.

Vulcan Materials operates a sand and gravel mining company at this facility location. The facility is located on 240 acres and consists of 3 buildings and a vehicle fueling station.

This facility receives aggregates of various sizes from the "Pit" (quarry) and separates the materials by size into several different stock piles ready for customer use.

Hazardous materials are store onsite and hazardous waste is generated as a result of fleet and equipment maintenance.

NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspected By: Mark Bechel (Sign Name) Received By: CERTIFIED MAIL (Sign Name) Title:

Mark Bechel (Print Name) (Print Name) Report Date: July 14, 2011

Form Revised 1/16/2007

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 1 6 7 6 (This number is on your CUPA permit)

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103	CITY 104
2400 W. HIGHLAND AVENUE	SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1	DIESEL FUEL NO. 2	30000	20000	GAL
2	UNLEADED GASOLINE	1000	1000	GAL
3	ANTI-FREEZE	220	55	GAL
4	OILS & GREASE	4500	600	GAL
5	OXYGEN	3840	240	CF
6	ACETYLENE	1920	120	CF
7	WASTE OIL (MOTOR)	10000	10000	GAL

Summarize the business plan inventory on this page. Place this summary in front of inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, 200 cubic feet, or the threshold planning quantity of an extremely hazardous substance. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities MUST sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER *(print)* 136	DATE 134
Matt Branstetter	Matt Branstetter	04/10/2007

BP of 3/10/11
Replaces this Plan
MB

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

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BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only – Log In/Date Stamp

RECEIVED
MAR 10 2011
S.B. CO. FIRE DEPT.

FACILITY ID #	F	A	0	0	0	1	6	7	6

BUSINESS NAME (Same as FACILITY NAME or DBA) 3

CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2400 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

Submission Checklist ☒ ***Items with an ' * ' are considered "Inventory" under State disclosure laws***

- ☒ * Business Activities Form
- ☒ * Business Owner/Operator Identification Form
- ☒ * Supplemental Emergency Contact Page
- ☒ Emergency Response Plans and Procedures
- ☒ * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
- ☒ * One Hazardous Materials Inventory Form for each hazardous material (including wastes) which meet reporting criteria
- ☐ * Material Safety Data Sheets attached to the inventory form of each material not listed in Appendix I.
- ☒ * Facility map (using grid form provided) consisting of all required features including the location of each inventoried item.
- ☒ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- ☒ Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- ☒ ***Retain one copy of the business emergency/contingency plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

☒ Please incorporate the following into my business emergency/contingency plan.

- ☒ New Business Owner/Operator Identification Form
- ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
- ☒ New Supplemental Emergency Contact Page.

☐ Other: _____

Brief explanation of changes: _____

☐ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:

- The information contained in the inventory most recently submitted to the CUPA is complete, accurate and up to date.
- There has been no change in the quantity, storage, or handling of hazardous materials (including waste) reported in the most recently submitted inventory.
- No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
- This certification is **not** being made to meet annual inventory submission requirements of EPCRA. (**EPCRA requires complete annual submission**)

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER
Scott Bevan ENTERED MAR 18 2011	2/22/2011	John R. Janke 135

NAME OF SIGNER *(print)*	TITLE OF SIGNER *(print)*
SCOTT BEVAN	PLANT MANAGER

ED SENT MAR 18 2011

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E", San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	F	A	0	0	0	1	6	7	6	[redacted]

BUSINESS NAME (Same as FACILITY NAME or DBA)	EPA ID # (Hazardous Waste Only)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	CAD981568579

BUSINESS ADDRESS	CITY	ZIP CODE
2400 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. ACTIVITIES DECLARATION

Does your facility...		If YES, the following additional information is required... (Items with an '*' must be submitted to this department)
A. HAZARDOUS MATERIALS		
1. Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases; or the applicable Federal threshold quantity for an extremely hazardous substance; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70; or handle ANY amount of Class 1 or 2 explosives; or ANY amount Category I or II pesticides.	☒ YES ☐ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Have extremely hazardous substances above threshold planning quantities or hazardous substances in quantities greater than 10,000 lbs (except retail gas stations up to 75,000 gallons of gasoline or 100,000 gallons of diesel fuel in upgraded USTs) or otherwise subject to EPCRA 311-312 reporting requirements.	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Must file annually according to EPCRA instructions to meet EPCRA SARA Title III Tier 2 reporting requirements – see instructions, pg i.)
B. REGULATED SUBSTANCES		
Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731) * CalARP REGISTRATION FORM (See Section V of BP guidelines and forms)
UNDERGROUND STORAGE TANKS (USTs)		
1. Own or operate underground storage tanks?	☒ YES ☐ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
3. Need to report closing a UST?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank) * HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)		
Store greater than 1320 gallons of petroleum products (new or used) in aboveground tanks or containers?	☒ YES ☐ NO	IF YES, PREPARE AND MAINTAIN A SPILL PREVENTION CONTROL & COUNTERMEASURES PLAN (SPCC) TO ADDRESS RELEASES FROM ABOVEGROUND STORAGE OF PETROLEUM AT YOUR FACILITY.
E. HAZARDOUS WASTE		
1. Generate ANY amount of hazardous waste?	☒ YES ☐ NO	EPA ID NUMBER—provide at the top of this page * BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES ☒ NO	* RECYCLABLE MATERIALS REPORT (Pages 1 and 2)
3. Treat hazardous waste on site?	☐ YES ☒ NO	* ONSITE HAZARDOUS WASTE TRT - FACILITY * ONSITE HAZARDOUS WASTE TRT - UNIT (one per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO	* CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidated hazardous waste generated at a remote site?	☐ YES ☒ NO	* REMOTE WASTE/CONSOLIDATED SITE ANNUAL NOTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☒ NO	IF YES, OBTAIN FEDERAL EPA ID NUMBER, FILE BIENNIAL REPORT (EPA FORM 8700-13A/B) WITH USEPA, AND SATISFY REQUIREMENTS FOR RCRA LARGE QUANTITY GENERATOR.

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BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

FACILITY ID # F A 0 0 0 1 6 7 6

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2400 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

For Dept Use Only – Log In/Date Stamp

RECEIVED
JUL 09 2010
S.B. CO. FIRE DEPT.

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

Submission Checklist ☒ — *Items with an ' * ' are considered "Inventory" under State disclosure laws*

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- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- ☒ Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- ☒ ***Retain one copy of the business emergency/contingency plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

☒ Please incorporate the following into my business emergency/contingency plan.

- ☒ New Business Owner/Operator Identification Form
- ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
- ☒ New Supplemental Emergency Contact Page.

☐ Other: _____

Brief explanation of changes: _____

☐ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:

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IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER
Scott Bevan	6/28/10	John R. Janke 135

NAME OF SIGNER *(print)*	TITLE OF SIGNER *(print)*
SCOTT BEVAN	PLANT MANAGER

ENTERED
JUL 21 2010

FD SENT
JUL 13 2010

San Bernardino County Fire Department • Hazardous Materials Division

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BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

FACILITY ID #	F	A	0	0	0	1	6	7	6

BUSINESS NAME (Same as FACILITY NAME or DBA)
Calmat Co. DBA Vulcan Materials Company

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2400 W. Highland Ave	San Bernardino	92407

For Dept Use Only – Log In/Date Stamp
RECEIVED
FEB 19 2010
S.B. CO. FIRE DEPT.

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(Complete this Section if submitting an entire Business Emergency/Contingency Plan whether new or revised)

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- Area map - photocopied city map with location of site indicated
- Owner/Operator has signed and dated the plan and all required individual pages of the plan
- ☒ Submit the original and 1 copy to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction
- ☒ ***Retain one copy of the business emergency/contingency plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

- ☐ Please incorporate the following into my Business Emergency/Contingency Plan
  - ☐ New Business Owner/Operator Identification Form
  - ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected)
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- ☐ Other: _____

Brief explanation of changes: _____

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(Complete this Section for all submissions)

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SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER	135
	2-11-10	John R. Janke	
NAME OF SIGNER *(print)*		TITLE OF SIGNER *(print)*	
John R Janke		Environmental Specialist	

ENTERED
MAR 04 2010

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E", San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 1 6 7 6 [redacted]

BUSINESS NAME (Same as FACILITY NAME or DBA)	EPA ID # (Hazardous Waste Only)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	CAD981568579

BUSINESS ADDRESS	CITY	ZIP CODE
2400 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. ACTIVITIES DECLARATION

Does your facility...		If YES, the following additional information is required... (Items with an '*' must be submitted to this department)
A. HAZARDOUS MATERIALS		
1. Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases; or the applicable Federal threshold quantity for an extremely hazardous substance; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70; or handle ANY amount of Class 1 or 2 explosives; or ANY amount Category I or II pesticides.	☒ YES ☐ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Have extremely hazardous substances above threshold planning quantities or hazardous substances in quantities greater than 10,000 lbs (except retail gas stations up to 75,000 gallons of gasoline or 100,000 gallons of diesel fuel in upgraded USTs) or otherwise subject to EPCRA 311-312 reporting requirements.	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Must file annually according to EPCRA instructions to meet EPCRA SARA Title III Tier 2 reporting requirements – see instructions, pg i.)
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731) * CalARP REGISTRATION FORM (See Section V of BP guidelines and forms)
C. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks?	☒ YES ☐ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
3. Need to report closing a UST?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank) * HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Store greater than 1320 gallons of petroleum products (new or used) in aboveground tanks or containers?	☒ YES ☐ NO	IF YES, PREPARE AND MAINTAIN A SPILL PREVENTION CONTROL & COUNTERMEASURES PLAN (SPCC) TO ADDRESS RELEASES FROM ABOVEGROUND STORAGE OF PETROLEUM AT YOUR FACILITY.
E. HAZARDOUS WASTE 1. Generate ANY amount of hazardous waste?	☒ YES ☐ NO	EPA ID NUMBER—provide at the top of this page * BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES ☒ NO	* RECYCLABLE MATERIALS REPORT (Pages 1 and 2)
3. Treat hazardous waste on site?	☐ YES ☒ NO	* ONSITE HAZARDOUS WASTE TRT - FACILITY * ONSITE HAZARDOUS WASTE TRT - UNIT (one per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO	* CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidated hazardous waste generated at a remote site?	☐ YES ☒ NO	* REMOTE WASTE/CONSOLIDATED SITE ANNUAL NOTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☒ NO	IF YES, OBTAIN FEDERAL EPA ID NUMBER, FILE BIENNIAL REPORT (EPA FORM 8700-13A/B) WITH USEPA, AND SATISFY REQUIREMENTS FOR RCRA LARGE QUANTITY GENERATOR.

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 1 6 7 6 (This number is on your CUPA permit)

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS	103	CITY	104
2400 W. HIGHLAND AVENUE		SAN BERNARDINO	

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1	DIESEL FUEL NO. 2	30000	20000	GAL
2	UNLEADED GASOLINE	1000	1000	GAL
3	ANTI-FREEZE	220	55	GAL
4	OILS & GREASE	4500	600	GAL
5	OXYGEN	3840	240	CF
6	ACETYLENE	1920	120	CF
7	WASTE OIL (MOTOR)	10000	10000	GAL

Summarize the business plan inventory on this page. Place this summary in front of inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, 200 cubic feet, or the threshold planning quantity of an extremely hazardous substance. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities MUST sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER *(print)* 136	DATE 134
Matt Branstetter	Matt Branstetter	04/10/2007

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE (909) 386-8401 FAX (909) 386-8460 www.sbcfire.org

BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only - Log In/Date Stamp

RECEIVED
AUG 03 2009
S.B. CO. FIRE DEPT.

FACILITY ID # F A 0 0 0 1 6 7 6

BUSINESS NAME (Same as FACILITY NAME or DBA)
Calmat Co. DBA Vulcan Materials Company

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2400 W. Highland Ave	San Bernardino	92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire Business Emergency/Contingency Plan whether new or revised)

Submission Checklist ☒

Items with an '' are considered "Inventory" under State disclosure laws*

- ☐ * Business Activities Form
- ☐ * Business Owner/Operator Identification Form
- ☐ * Supplemental Emergency Contact Page
- ☐ Emergency Response Plans and Procedures
- ☐ * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number
- ☐ * One Hazardous Materials Inventory Form for each hazardous material (including wastes) which meet reporting criteria
- ☐ * Material Safety Data Sheets attached to the inventory form of each material not listed in Appendix I
- ☐ * Facility map (using grid form provided) consisting of all required features including the location of each inventoried item
- ☐ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☐ Area map - photocopied city map with location of site indicated
- ☐ Owner/Operator has signed and dated the plan and all required individual pages of the plan
- ☐ Submit the original and 1 copy to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction
- ☐ ***Retain one copy of the business emergency/contingency plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

- ☐ Please incorporate the following into my Business Emergency/Contingency Plan
  - ☐ New Business Owner/Operator Identification Form
  - ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected)
  - ☐ New Supplemental Emergency Contact Page
- ☐ Other: _____

Brief explanation of changes: _____

- ☒ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:
  - The information contained in the inventory most recently submitted to the CUPA is complete, accurate and up to date.
  - There has been no change in the quantity, storage, or handling of hazardous materials (including waste) reported in the most recently submitted inventory.
  - No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
  - This certification is **not** being made to meet annual inventory submission requirements of EPCRA. (**EPCRA requires complete annual submission**)

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER
Matt Branstetter	7-24-09	135

NAME OF SIGNER *(print)*	TITLE OF SIGNER *(print)*
Matt Branstetter	Plant Manager

ENTERED
AUG 04 2008

FD SENT
AUG 03 2009

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San Bernardino County Fire Department • Hazardous Materials Division
620 South "E", San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 1 6 7 6 [redacted]

BUSINESS NAME (Same as FACILITY NAME or DBA)	EPA ID # (Hazardous Waste Only)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	CAD981568579

BUSINESS ADDRESS	CITY	ZIP CODE
2400 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. ACTIVITIES DECLARATION

Does your facility...		If YES, the following additional information is required... (Items with an "*" must be submitted to this department)
A. HAZARDOUS MATERIALS		
1. Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases; or the applicable Federal threshold quantity for an extremely hazardous substance; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70; or handle ANY amount of Class 1 or 2 explosives; or ANY amount Category I or II pesticides.	☒ YES ☐ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Have extremely hazardous substances above threshold planning quantities or hazardous substances in quantities greater than 10,000 lbs (except retail gas stations up to 75,000 gallons of gasoline or 100,000 gallons of diesel fuel in upgraded USTs) or otherwise subject to EPCRA 311-312 reporting requirements.	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Must file annually according to EPCRA instructions to meet EPCRA SARA Title III Tier 2 reporting requirements – see instructions, pg i.)
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731) * CalARP REGISTRATION FORM (See Section V of BP guidelines and forms)
C. UNDERGROUND STORAGE TANKS (USTs)		
1. Own or operate underground storage tanks?	☒ YES ☐ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
3. Need to report closing a UST?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank) * HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Store greater than 1320 gallons of petroleum products (new or used) in aboveground tanks or containers?	☒ YES ☐ NO	IF YES, PREPARE AND MAINTAIN A SPILL PREVENTION CONTROL & COUNTERMEASURES PLAN (SPCC) TO ADDRESS RELEASES FROM ABOVEGROUND STORAGE OF PETROLEUM AT YOUR FACILITY.
E. HAZARDOUS WASTE		
1. Generate ANY amount of hazardous waste?	☒ YES ☐ NO	EPA ID NUMBER—provide at the top of this page * BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES ☒ NO	* RECYCLABLE MATERIALS REPORT (Pages 1 and 2)
3. Treat hazardous waste on site?	☐ YES ☒ NO	* ONSITE HAZARDOUS WASTE TRT - FACILITY * ONSITE HAZARDOUS WASTE TRT - UNIT (one per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO	* CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidated hazardous waste generated at a remote site?	☐ YES ☒ NO	* REMOTE WASTE/CONSOLIDATED SITE ANNUAL NOTIFICATION
6. Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☒ NO	IF YES, OBTAIN FEDERAL EPA ID NUMBER, FILE BIENNIAL REPORT (EPA FORM 8700-13A/B) WITH USEPA, AND SATISFY REQUIREMENTS FOR RCRA LARGE QUANTITY GENERATOR.

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

FACILITY ID # F A 0 0 0 1 6 7 6 — 1 (This number is on your CUPA permit.)

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103	CITY 104
2400 W. HIGHLAND AVENUE	SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example Only)*	*555*	*500*	*Gallon*
1	DIESEL FUEL NO. 2	30000	20000	GAL
2	UNLEADED GASOLINE	1000	1000	GAL
3	ANTI-FREEZE	220	55	GAL
4	OILS & GREASE	4500	600	GAL
5	OXYGEN	3840	240	CF
6	ACETYLENE	1920	120	CF
7	WASTE OIL (MOTOR)	10000	10000	GAL

Summarize the business plan inventory on this page. Place this summary in front of inventory section of the Business Plan. Make copies of this sheet as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, 200 cubic feet, or the threshold planning quantity of an extremely hazardous substance. However, hazardous wastes, Category 1 and 2 pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities MUST sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER *(print)* 136	DATE 134
Matt Branstetter	Matt Branstetter	04/10/2007

BP of 2/20/08
Replaces this Plan
MB

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620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460
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BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only – Log In/Date Stamp

RECEIVED
FEB 20 2008
S.B. CO. FIRE DEPT.

FACILITY ID #	F	A	0	0	0	1	6	7	6

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2400 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

Submission Checklist ☒ — ***Items with an ' * ' are considered "Inventory" under State disclosure laws***

- ☒ * Business Activities Form
- ☒ * Business Owner/Operator Identification Form
- ☒ * Supplemental Emergency Contact Page
- ☒ Emergency Response Plans and Procedures
- ☒ * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
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- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- ☒ Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- ☒ ***Retain one copy of the business emergency/contingency plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

- ☐ Please incorporate the following into my business emergency/contingency plan.
  - ☐ New Business Owner/Operator Identification Form
  - ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
  - ☐ New Supplemental Emergency Contact Page.
- ☐ Other: _____

Brief explanation of changes: _____

- ☐ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:
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  - This certification is **not** being made to meet annual inventory submission requirements of EPCRA. (**EPCRA requires complete annual submission**)

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER
Matt Branstetter	2-14-08	Marizel S. Miller
NAME OF SIGNER *(print)*	TITLE OF SIGNER *(print)*	
Matt Branstetter	Plant Manager	

135

ENTERED
FEB 22 2008

FD SENT
FEB 20 2008

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E", San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	F	A	0	0	0	1	6	7	6 [redacted]

BUSINESS NAME (Same as FACILITY NAME or DBA)	EPA ID # (Hazardous Waste Only)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	CAD981568579

BUSINESS ADDRESS	CITY	ZIP CODE
2400 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. ACTIVITIES DECLARATION

Does your facility...		If YES, the following additional information is required... (Items with an '*' must be submitted to this department)
A. HAZARDOUS MATERIALS		
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1. Own or operate underground storage tanks?	☒ YES ☐ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
3. Need to report closing a UST?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank) * HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Store greater than 1320 gallons of petroleum products (new or used) in aboveground tanks or containers?	☒ YES ☐ NO	IF YES, PREPARE AND MAINTAIN A SPILL PREVENTION CONTROL & COUNTERMEASURES PLAN (SPCC) TO ADDRESS RELEASES FROM ABOVEGROUND STORAGE OF PETROLEUM AT YOUR FACILITY.
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1. Generate ANY amount of hazardous waste?	☒ YES ☐ NO	EPA ID NUMBER—provide at the top of this page * BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES ☒ NO	* RECYCLABLE MATERIALS REPORT (Pages 1 and 2)
3. Treat hazardous waste on site?	☐ YES ☒ NO	* ONSITE HAZARDOUS WASTE TRT - FACILITY * ONSITE HAZARDOUS WASTE TRT - UNIT (one per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO	* CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidated hazardous waste generated at a remote site?	☐ YES ☒ NO	* REMOTE WASTE/CONSOLIDATED SITE ANNUAL NOTIFICATION
6. Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☒ NO	IF YES, OBTAIN FEDERAL EPA ID NUMBER, FILE BIENNIAL REPORT (EPA FORM 8700-13A/B) WITH USEPA, AND SATISFY REQUIREMENTS FOR RCRA LARGE QUANTITY GENERATOR.

Vulcan
Materials Company

Western Division

February 15, 2008

San Bernardino County Fire Department
Attn.: Hazardous Materials Division
620 South "E" Street
San Bernardino, CA 92415-0153

RE: Facility ID No. FA0001676 – CalMat DBA Vulcan Materials, Western Division
2400 W. Highland Avenue, San Bernardino, CA 92407

Please find enclosed one original and one copy of the updated business emergency/contingency plans for the above referenced facility.

If you have any questions or concerns please contact me at (323) 474-3227. Thank you very much.

Regards,

Marizel S. Miller

Marizel S. Miller
Los Angeles Regional Environmental Specialist
CalMat Co. DBA Vulcan Materials Co. Western Division

cc: Matt Branstetter – Plant Manager

RECEIVED
FEB 20 2008
S.B. CO. FIRE DEPT.

CERTIFIED MAIL: 7006 2150 0003 1321 4140

FA 1676

San Bernardino Co. CUPA
620 South "E" Street
San Bernardino, CA 92415
Tel: (909) 386-8401
Fax: (909) 386-8460
www.sbcfire.org

Aboveground Storage Tank Facility Statement
Notification/Change in Status

I. Facility/Business Information

Facility CUPA ID# 1	Facility Name 3	Owner Name 111		
FA005958	San Bernardino Rock and Asphalt	Calmat Co. dba Vulcan Materials		
Facility Address 103		**Owner Mailing Address** 113		
2400 W. Highland Ave		7220 Trade Street		
City 104	**Zip Code** 105	**City** 114	**State** 115	**Zip Code** 116
San Bernardino	92407	San Diego	CA	92121
Contact Name 117a	**Contact Phone** 118a	**Owner Phone** 112	**NAICS Code** 107	
Daryl Charlson	909-875-1150	858-530-9444	324121	

Contact Email 119a	Does the facility have an SPCC plan? 920 (see directions on reverse) ☒ Yes ☐ No	If yes, date of last SPCC Plan Revision/Review: 7-26-04
	If the facility does not have an SPCC plan, is it in progress? ☐ Yes ☐ No	If yes, expected completion date:

II. Total Facility Capacity in gallons

Facility's total aboveground petroleum product storage tank **capacity** for all tanks/containers/equipment/systems greater than or equal to 55 gallons (see directions on reverse)

921 TOTAL CAPACITY **25,230** gal

III. Tank Details – Include each aboveground tank that contains a petroleum product or other type of oil (including mineral, animal, or vegetable oils). Attach additional pages should your facility have more tanks.

922 Tank ID# (e.g. 1, 2, 3, etc.)	923 Contents (Gas, Diesel, etc.)	924 Capacity (In gallons)	925 Tank Location (Describe location)	926 Year Installed	927 Tank type:	928 Secondary Containment
	Bulk Oil	330 gal	Inside Maintenance Shop	2000	☒Steel ☐Fiberglass/Plastic ☐Other (please describe)	☒Yes ☐No
	Bulk Oil	350 gal	Inside Maintenance Shop	2000	☒Steel ☐Fiberglass/Plastic ☐Other (please describe)	☒Yes ☐No
	Various Oils, Used Filters	25 drums @ 55 gal each	Maintenance Shop Area	2000	☒Steel ☐Fiberglass/Plastic ☐Other (please describe)	☒Yes ☐No
	Various Oils, Used Filters	9 drums @ 55 gal each	Inside Maintenance Shop	2000	☒Steel ☐Fiberglass/Plastic ☐Other (please describe)	☒Yes ☐No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐No

IV. Signature

I certify under penalty of law that the information submitted is accurate and complete to the best of my knowledge.

Signature of owner or tank facility operator	Printed name of owner or tank facility operator 136	Date (M/d/yyyy) 134
Tony Varisco	TONY VARISCO	11/26/08

Schlotthauer, Nancy

From: Janke, John [JankeJ@VMCMAIL.com]
Sent: Wednesday, November 26, 2008 12:28 PM
To: Schlotthauer, Nancy
Subject: APSA Verification Forms
Attachments: APSA Forms.pdf

Dear Ms. Schlotthauer,

Attached please find the Aboveground Storage Tank Verification Forms for the following facilities:

- Oro Grande Asphalt, FA 007169
- Upland Rock, FA 001675
- San Bernardino Rock and Asphalt, FA 008958

I have also sent these forms by US Postal Service.

Please do not hesitate to contact me with any questions.

Sincerely,

John R. Janke
Environmental Specialist
Vulcan Materials Company, Western Division
3200 San Fernando Road
Los Angeles, CA 90065

(323) 474-3227 (LA office)
(858) 530-9425 (San Diego office)
(323) 258-3289 (fax)

2011 BP

San Bernardino Co. CUPA
620 South "E" Street
San Bernardino, CA 92415
Tel: (909) 386-8401
Fax: (909) 386-8460
www.sbcfire.org

Aboveground Storage Tank Facility Statement
Notification/Change in Status

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DEC 02 2008
S.B. CO. FIRE DEPT.

1676

I. Facility/Business Information

Facility CUPA ID# 1	Facility Name 3	Owner Name 111
FA0005958 ~~8958~~	San Bernardino Rock and Asphalt	Calmat Co. dba Vulcan Materials

Facility Address 103	Owner Mailing Address 113
2400 W. Highland Ave	7220 Trade Street

City 104	Zip Code 105	City 114	State 115	Zip Code 116
San Bernardino	92407	San Diego	CA	92121

Contact Name 117a	Contact Phone 118a	Owner Phone 112	NAICS Code 107
Daryl Charlson	909-875-1150	**858-530-9444**	324121

Contact Email 119a	Does the facility have an SPCC plan? 920 (see directions on reverse)	If yes, date of last SPCC Plan Revision/Review:
BevanS@VMCMail.com	☒ Yes ☐ No	7-26-04
If the facility does not have an SPCC plan, is it in progress?	☐ Yes ☐ No	If yes, expected completion date:

II. Total Facility Capacity in gallons

Facility's total aboveground petroleum product storage tank **capacity** for all tanks/containers/equipment/systems greater than or equal to 55 gallons (see directions on reverse)

921 TOTAL CAPACITY **25,230** gal

III. Tank Details – Include each aboveground tank that contains a petroleum product or other type of oil (including mineral, animal, or vegetable oils). Attach additional pages should your facility have more tanks.

922 Tank ID# (e.g. 1, 2, 3, etc.)	923 Contents (Gas, Diesel, etc.)	924 Capacity (In gallons)	925 Tank Location (Describe location)	926 Year Installed	927 Tank type:	928 Secondary Containment
	Bulk Oil	**330 gal**	Inside Maintenance Shop	**2000**	☒Steel ☐Fiberglass/Plastic ☐Other (please describe)	☒Yes ☐ No
	Bulk Oil	**350 gal**	Inside Maintenance Shop	**2000**	☒Steel ☐Fiberglass/Plastic ☐Other (please describe)	☒Yes ☐ No
	Various Oils, Used Filters	**25 drums @ 55 gal each**	Maintenance Shop Area	**2000**	☒Steel ☐Fiberglass/Plastic ☐Other (please describe)	☒Yes ☐ No
	Various Oils, Used Filters	**9 drums @ 55 gal each**	Inside Maintenance Shop	**2000**	☒Steel ☐Fiberglass/Plastic ☐Other (please describe)	☒Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐ No

IV. Signature

I certify under penalty of law that the information submitted is accurate and complete to the best of my knowledge.

Signature of owner or tank facility operator	Printed name of owner or tank facility operator 136	Date (M/d/yyyy) 134
Tony Varisco	Tony Varisco	11/26/08

San Bernardino Co. CUPA
620 South "E" Street
San Bernardino, CA 92415
Tel: (909) 386-8401
Fax: (909) 386-8460
www.sbcfire.org

Aboveground Storage Tank Facility Statement
Notification/Change in Status

RECEIVED
DEC 02 2008
S.B. CO. FIRE DEPT.

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Facility CUPA ID# 1	Facility Name 3	Owner Name 111
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Facility Address 103	Owner Mailing Address 113
2400 W. Highland Ave	7220 Trade Street

City 104	Zip Code 105	City 114	State 115	Zip Code 116
San Bernardino	92407	San Diego	CA	92121

Contact Name 117a	Contact Phone 118a	Owner Phone 112	NAICS Code 107
Daryl Charlson	909-875-1150	858-530-9444	324121

Contact Email 119a	Does the facility have an SPCC plan? 920 (see directions on reverse)	If yes, date of last SPCC Plan Revision/Review:
	☒ Yes ☐ No	7-26-04
If the facility does not have an SPCC plan, is it in progress?	☐ Yes ☐ No	If yes, expected completion date:

II. Total Facility Capacity in gallons

Facility's total aboveground petroleum product storage tank **capacity** for all tanks/containers/equipment/systems greater than or equal to 55 gallons (see directions on reverse)

921 TOTAL CAPACITY: **25,230** gal

III. Tank Details – Include each aboveground tank that contains a petroleum product or other type of oil (including mineral, animal, or vegetable oils). Attach additional pages should your facility have more tanks.

922 Tank ID# (e.g. 1, 2, 3, etc.)	923 Contents (Gas, Diesel, etc.)	924 Capacity (In gallons)	925 Tank Location (Describe location)	926 Year Installed	927 Tank type:	928 Secondary Containment
	Bulk Oil	330 gal	Inside Maintenance Shop	2000	☒Steel ☐Fiberglass/Plastic ☐Other (please describe)	☒Yes ☐No
	Bulk Oil	350 gal	Inside Maintenance Shop	2000	☒Steel ☐Fiberglass/Plastic ☐Other (please describe)	☒Yes ☐No
	Various Oils, Used Filters	25 drums @ 55 gal each	Maintenance Shop Area	2000	☒Steel ☐Fiberglass/Plastic ☐Other (please describe)	☒Yes ☐No
	Various Oils, Used Filters	9 drums @ 55 gal each	Inside Maintenance Shop	2000	☒Steel ☐Fiberglass/Plastic ☐Other (please describe)	☒Yes ☐No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐No
					☐Steel ☐Fiberglass/Plastic ☐Other (please describe)	☐Yes ☐No

IV. Signature

I certify under penalty of law that the information submitted is accurate and complete to the best of my knowledge.

Signature of owner or tank facility operator	Printed name of owner or tank facility operator 136	Date (M/d/yyyy) 134
Tony Varisco	TONY VARISCO	11/26/08

COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 ◦ Fax (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

Business Emergency/Contingency Plan Receipt

Mail to: VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Site Address: VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Service Request ID: SR0014620
Facility ID: FA0001676

The Business Emergency/Contingency Plan was received on October 12, 2007 by the Hazardous Materials Division.

For future reference, please note the following Business Emergency/Contingency Plan requirements:

1. The contents of this plan are subject to field verification and a current copy of this plan must be available on site.

2. This plan contains important information on preventing, responding to, and reporting releases of hazardous materials/waste. Employees are expected to be familiar with these portions of the plan.

3. The plan is available for public inspection through this Division, with the exception of substantiated trade secrets, the separate confidential emergency contact page, and maps specifying the precise storage locations of hazardous materials/wastes.

4. Two copies of the plan and/or update is required to be filed with this Division. The second copy will be forwarded to the local fire jurisdiction.

5. The annual deadline for submission of business plan inventory is March 1st. Please note that EPA does not allow EPCRA facilities to file a recertification in place of annual inventory. Also, this Division typically does not send individual notices of this statutory deadline, so please note the March 1st date for future annual submissions.

Within 30 days of any of the following events, an amendment to the Business Emergency/Contingency Plan must be filed:

1. A 100 percent or more increase in quantity of a previously disclosed item.

2. Any handling of a previously undisclosed hazardous material (including waste) required to be inventoried or elimination of a previously inventoried item.

3. Change of business address, business ownership, or business name.

4. Change of emergency contact information or other site conditions that may significantly affect emergency response.

For more information please consult the latest version of the San Bernardino County CUPA Business Emergency/Contingency Plan guidelines and forms, available through our website at www.sbcfire.org or by calling this office at (909) 386-8401.

Business Emergency/Contingency Plan Receipt

Mail to: VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Site Address: VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Service Request ID: SR0013841
Facility ID: FA0001676

The Business Emergency/Contingency Plan was received on April 24, 2007 by the Hazardous Materials Division.

For future reference, please note the following Business Emergency/Contingency Plan requirements:

1. The contents of this plan are subject to field verification and a current copy of this plan must be available on site.
2. This plan contains important information on preventing, responding to, and reporting releases of hazardous materials/waste. Employees are expected to be familiar with these portions of the plan.
3. The plan is available for public inspection through this Division, with the exception of substantiated trade secrets, the separate confidential emergency contact page, and maps specifying the precise storage locations of hazardous materials/wastes.
4. Two copies of the plan and/or update is required to be filed with this Division. The second copy will be forwarded to the local fire jurisdiction.
5. The annual deadline for submission of business plan inventory is March 1st. Please note that EPA does not allow EPCRA facilities to file a recertification in place of annual inventory. Also, this Division typically does not send individual notices of this statutory deadline, so please note the March 1st date for future annual submissions.

Within 30 days of any of the following events, an amendment to the Business Emergency/Contingency Plan must be filed:

1. A 100 percent or more increase in quantity of a previously disclosed item.
2. Any handling of a previously undisclosed hazardous material (including waste) required to be inventoried or elimination of a previously inventoried item.
3. Change of business address, business ownership, or business name.
4. Change of emergency contact information or other site conditions that may significantly affect emergency response.

For more information please consult the latest version of the San Bernardino County CUPA Business Emergency/Contingency Plan guidelines and forms, available through our website at www.sbcfire.org or by calling this office at (909) 386-8401.

CUPA
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620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460
www.sbcfire.org

BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only – Log In/Date Stamp

RECEIVED
APR 24 2007
S.B. CO. FIRE DEPT.

FACILITY ID #	F	A	0	0	0	1	6	7	6

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2400 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

Submission Checklist ☒ — ***Items with an ' * ' are considered "Inventory" under State disclosure laws***

- ☒ * Business Activities Form
- ☒ * Business Owner/Operator Identification Form
- ☒ * Supplemental Emergency Contact Page
- ☒ Emergency Response Plans and Procedures
- ☒ * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
- ☒ * One Hazardous Materials Inventory Form for each hazardous material (including wastes) which meet reporting criteria
- ☐ * Material Safety Data Sheets attached to the inventory form of each material not listed in Appendix I.
- ☒ * Facility map (using grid form provided) consisting of all required features including the location of each inventoried item.
- ☒ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- ☒ Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- ☒ ***Retain one copy of the business emergency/contingency plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

☒ Please incorporate the following into my business emergency/contingency plan.

- ☒ New Business Owner/Operator Identification Form
- ☒ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
- ☒ New Supplemental Emergency Contact Page.

☐ Other: _____

Brief explanation of changes: _____

☐ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:

- The information contained in the inventory most recently submitted to the CUPA is complete, accurate and up to date.
- There has been no change in the quantity, storage, or handling of hazardous materials (including waste) reported in the most recently submitted inventory.
- No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
- This certification is **not** being made to meet annual inventory submission requirements of EPCRA. (**EPCRA requires complete annual submission**)

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER
Matt Branstetter	04/10/2007	Marizel S. Miller

135

NAME OF SIGNER *(print)*	TITLE OF SIGNER *(print)*
Matt Branstetter	Plant Manager

ENTERED
JUL 20 2007

FD SENT
APR 27 2007

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E", San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	F	A	0	0	0	1	6	7	6	[redacted]

BUSINESS NAME (Same as FACILITY NAME or DBA)	EPA ID # (Hazardous Waste Only)
CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION	CAD981568579

BUSINESS ADDRESS	CITY	ZIP CODE
2400 W. HIGHLAND AVENUE	SAN BERNARDINO	92407

II. ACTIVITIES DECLARATION

Does your facility...		If YES, the following additional information is required... (Items with an '*' must be submitted to this department)
A. HAZARDOUS MATERIALS		
1. Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases; or the applicable Federal threshold quantity for an extremely hazardous substance; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70; or handle ANY amount of Class 1 or 2 explosives; or ANY amount Category I or II pesticides.	☒ YES ☐ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Have extremely hazardous substances above threshold planning quantities or hazardous substances in quantities greater than 10,000 lbs (except retail gas stations up to 75,000 gallons of gasoline or 100,000 gallons of diesel fuel in upgraded USTs) or otherwise subject to EPCRA 311-312 reporting requirements.	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Must file annually according to EPCRA instructions to meet EPCRA SARA Title III Tier 2 reporting requirements – see instructions, pg i.)
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO	* BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731) * CalARP REGISTRATION FORM (See Section V of BP guidelines and forms)
C. UNDERGROUND STORAGE TANKS (USTs)		
1. Own or operate underground storage tanks?	☒ YES ☐ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank)
3. Need to report closing a UST?	☐ YES ☒ NO	* UST FACILITY FORM * UST TANK (Pages 1 and 2) (One set per tank) * HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Store greater than 1320 gallons of petroleum products (new or used) in aboveground tanks or containers?	☒ YES ☐ NO	IF YES, PREPARE AND MAINTAIN A SPILL PREVENTION CONTROL & COUNTERMEASURES PLAN (SPCC) TO ADDRESS RELEASES FROM ABOVEGROUND STORAGE OF PETROLEUM AT YOUR FACILITY.
E. HAZARDOUS WASTE		
1. Generate ANY amount of hazardous waste?	☒ YES ☐ NO	EPA ID NUMBER—provide at the top of this page * BUSINESS EMERGENCY/CONTINGENCY PLAN (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES ☒ NO	* RECYCLABLE MATERIALS REPORT (Pages 1 and 2)
3. Treat hazardous waste on site?	☐ YES ☒ NO	* ONSITE HAZARDOUS WASTE TRT - FACILITY * ONSITE HAZARDOUS WASTE TRT - UNIT (one per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO	* CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidated hazardous waste generated at a remote site?	☐ YES ☒ NO	* REMOTE WASTE/CONSOLIDATED SITE ANNUAL NOTIFICATION
6. Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☒ NO	IF YES, OBTAIN FEDERAL EPA ID NUMBER, FILE BIENNIAL REPORT (EPA FORM 8700-13A/B) WITH USEPA, AND SATISFY REQUIREMENTS FOR RCRA LARGE QUANTITY GENERATOR.

Business Emergency/Contingency Plan Receipt

Mail to: CAL MAT/ DBA VULCAN MAT-ROCK & SAND
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Site Address: CAL MAT/ DBA VULCAN MAT-ROCK & SAND
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Service Request ID: SR0007297
Facility ID: FA0001676

The Business Emergency/Contingency Plan was received on June 21, 2005 by the Hazardous Materials Division.

For future reference, please note the following Business Emergency/Contingency Plan requirements:

1. The contents of this plan are subject to field verification and a current copy of this plan must be available on site.
2. This plan contains important information on preventing, responding to, and reporting releases of hazardous materials/waste. Employees are expected to be familiar with these portions of the plan.
3. The plan is available for public inspection through this Division, with the exception of substantiated trade secrets, the separate confidential emergency contact page, and maps specifying the precise storage locations of hazardous materials/wastes.
4. Two copies of the plan and/or update is required to be filed with this Division. The second copy will be forwarded to the local fire jurisdiction.
5. The annual deadline for submission of business plan inventory is March 1st. Please note that EPA does not allow EPCRA facilities to file a recertification in place of annual inventory. Also, this Division typically does not send individual notices of this statutory deadline, so please note the March 1st date for future annual submissions.

Within 30 days of any of the following events, an amendment to the Business Emergency/Contingency Plan must be filed:

1. A 100 percent or more increase in quantity of a previously disclosed item.
2. Any handling of a previously undisclosed hazardous material (including waste) required to be inventoried or elimination of a previously inventoried item.
3. Change of business address, business ownership, or business name.
4. Change of emergency contact information or other site conditions that may significantly affect emergency response.

For more information please consult the latest version of the San Bernardino County CUPA Business Emergency/Contingency Plan guidelines and forms, available through our website at www.sbcfire.org or by calling this office at (909) 386-8401.

Business Emergency/Contingency Plan Receipt

Mail to: CAL MAT/ DBA VULCAN MAT-ROCK & SAND
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Site Address: CAL MAT/ DBA VULCAN MAT-ROCK & SAND
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Service Request ID: SR0007125
Facility ID: FA0001676

The Business Emergency/Contingency Plan was received on May 27, 2005 by the Hazardous Materials Division.

For future reference, please note the following Business Emergency/Contingency Plan requirements:

1. The contents of this plan are subject to field verification and a current copy of this plan must be available on site.
2. This plan contains important information on preventing, responding to, and reporting releases of hazardous materials/waste. Employees are expected to be familiar with these portions of the plan.
3. The plan is available for public inspection through this Division, with the exception of substantiated trade secrets, the separate confidential emergency contact page, and maps specifying the precise storage locations of hazardous materials/wastes.
4. Two copies of the plan and/or update is required to be filed with this Division. The second copy will be forwarded to the local fire jurisdiction.
5. The annual deadline for submission of business plan inventory is March 1st. Please note that EPA does not allow EPCRA facilities to file a recertification in place of annual inventory. Also, this Division typically does not send individual notices of this statutory deadline, so please note the March 1st date for future annual submissions.

Within 30 days of any of the following events, an amendment to the Business Emergency/Contingency Plan must be filed:

1. A 100 percent or more increase in quantity of a previously disclosed item.
2. Any handling of a previously undisclosed hazardous material (including waste) required to be inventoried or elimination of a previously inventoried item.
3. Change of business address, business ownership, or business name.
4. Change of emergency contact information or other site conditions that may significantly affect emergency response.

For more information please consult the latest version of the San Bernardino County CUPA Business Emergency/Contingency Plan guidelines and forms, available through our website at www.sbcfire.org or by calling this office at (909) 386-8401.

Business Emergency/Contingency Plan Receipt

Mail to: TAIHEIYO CEMENT U.S.A., INC
2025 E FINANCIAL WAY, STE 200
GLENDORA, CA 91741-0000

Site Address: CHAPARRAL CONCRETE CO
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92405

Service Request ID: SR0005743
Facility ID: FA0001854

The Business Emergency/Contingency Plan was received on February 23, 2005 by the Hazardous Materials Division.

For future reference, please note the following Business Emergency/Contingency Plan requirements:

1. The contents of this plan are subject to field verification and a current copy of this plan must be available on site.
2. This plan contains important information on preventing, responding to, and reporting releases of hazardous materials/waste. Employees are expected to be familiar with these portions of the plan.
3. The plan is available for public inspection through this Division, with the exception of substantiated trade secrets, the separate confidential emergency contact page, and maps specifying the precise storage locations of hazardous materials/wastes.
4. Two copies of the plan and/or update is required to be filed with this Division. The second copy will be forwarded to the local fire jurisdiction.
5. The annual deadline for submission of business plan inventory is March 1st. Please note that EPA does not allow EPCRA facilities to file a recertification in place of annual inventory. Also, this Division typically does not send individual notices of this statutory deadline, so please note the March 1st date for future annual submissions.

Within 30 days of any of the following events, an amendment to the Business Emergency/Contingency Plan must be filed:

1. A 100 percent or more increase in quantity of a previously disclosed item.
2. Any handling of a previously undisclosed hazardous material (including waste) required to be inventoried or elimination of a previously inventoried item.
3. Change of business address, business ownership, or business name.
4. Change of emergency contact information or other site conditions that may significantly affect emergency response.

For more information please consult the latest version of the San Bernardino County CUPA Business Emergency/Contingency Plan guidelines and forms, available through our website at www.sbcfire.org or by calling this office at (909) 386-8401.

CUPA

San Bernardino County Fire Department

HAZARDOUS MATERIALS DIVISION • EMERGENCY RESPONSE AND ENFORCEMENT

385 N. Arrowhead Ave , 2nd Floor, San Bernardino, CA 92415-0153 • PHONE: (909)387-4631 FAX: (909) 387-4323

INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

ESTABLISHMENT # [redacted] 8 6 0 0 8 9 5 8

FACILITY ID # 3 6 [redacted] 0 0 1 [redacted] 1

BUSINESS NAME (Same as FACILITY NAME or DBA) 3

CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103: 2400 W. HIGHLAND AVE.

CITY: SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example only)*	*555*	*500*	*Gallons*
1	DIESEL FUEL NO.2	20,000	20,000	GAL.
2	UNLEADED GASOLINE	10,000	10,000	GAL.
3	ANTI-FREEZE	55	55	GAL
4	CASTROL PYROPLEX BLUE(GREASE)	330	55	GAL
5	CASTROL ENGINE/HYD OIL	1,000	500	GAL
6	CASTROL BRAKE COOLING OIL	260	260	GAL
7	CASTROL ATF	500	500	GAL
8	CASTROL GEAR LUBE	1400	500	GAL
9	AR-GRADE PAVING ASPHALT	165	103	TON
10	SC-GRADE CUTBACK ASPHALT	51	51	TON
11	OXYGEN	2400	240	CF
12	ACETYLENE	1200	120	CF
13	PROPANE	250	250	GAL

Summarize the business plan inventory on this page. Place this summary in front of inventory section of business plan. Make copies of this sheet (or replicate on a computer) as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, or 200 cubic feet. However, hazardous wastes, Category 1 and II pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities: Also sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER (*print*) 136	DATE 134
Peter Chiu	PETER CHIU	11-13-00

BP of 3-2-04 replaces this plan

CUPA

San Bernardino County Fire Department

HAZARDOUS MATERIALS DIVISION • EMERGENCY RESPONSE AND ENFORCEMENT

385 N. Arrowhead Ave , 2nd Floor, San Bernardino, CA 92415-0153 • PHONE: (909)387-4631 FAX: (909) 387-4323

INVENTORY SUMMARY FORM (REQUIRED)

I. FACILITY IDENTIFICATION

ESTABLISHMENT # [redacted] 8 6 0 0 8 9 5 8

FACILITY ID # 3 6 [redacted] 0 0 1 [redacted] 1

BUSINESS NAME (Same as FACILITY NAME or DBA) 3

CALMAT CO. DBA VULCAN MATERIALS, WESTERN DIVISION

FACILITY ADDRESS 103: 2400 W. HIGHLAND AVE

CITY: SAN BERNARDINO

II. INVENTORY SUMMARY

Item #	Name of Hazardous Material or Waste	Maximum Quantity	Size of Largest Container	Unit of Measure
3.	*Lubricating Oil (Example only)*	*555*	*500*	*Gallons*
14	WASTE OIL (MOTOR)	10,000	10,000	GAL

Summarize the business plan inventory on this page. Place this summary in front of inventory section of business plan. Make copies of this sheet (or replicate on a computer) as necessary. Reminder: You need not report hazardous materials with a maximum quantity of less than 55 gallons, 500 pounds, or 200 cubic feet. However, hazardous wastes, Category 1 and II pesticides, and explosives are reportable at any quantity.

III. SIGNATURE- EPCRA Facilities: Also sign the bottom of each individual attached inventory form.

SIGNATURE OF OWNER/OPERATOR	NAME OF SIGNER (*print*) 136	DATE 134
[signature]	PETER CHIU	11-13-00

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South "E" Street, San Bernardino, CA 92415-0153 • PHONE: (909) 386-8401 FAX: (909) 386-8460

BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only - Log In/Date Stamp

RECEIVED
MAR 0 2 2004
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

FACILITY ID # F A 0 0 0 1 6 7 6

BUSINESS NAME (Same as FACILITY NAME or DBA) 3

CALMAT CO DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS SITE ADDRESS	CITY	ZIPCODE
2400 W. HIGHLAND AVE.	SAN BERNARDINO	92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

Submission Checklist ☒ *Items with an ' * ' are considered "Inventory" under State disclosure laws*

- ☒ * Business Activities Form
- ☒ * Business Owner/Operator Identification Form
- ☒ * Supplemental Emergency Contact Page
- ☒ Emergency Response Plans and Procedures
- ☒ * Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
- ☒ * One Hazardous Materials Inventory Form for each hazardous material (including wastes) which meet reporting criteria
- ☐ * Material Safety Data Sheets attached to the inventory form of each material not listed in Appendix I.
- ☒ * Facility map (using grid form provided) consisting of all required features including the location of each inventoried item.
- ☒ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☒ Area map - photocopied city map with location of site indicated
- ☒ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- ☒ Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- ☒ ***Retain one copy of the business emergency/contingency at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or re-certifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

- ☐ Please incorporate the following into my business emergency/contingency plan.
  - ☐ New Business Owner/Operator Identification Form
  - ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
  - ☐ New Supplemental Emergency Contact Page.
- ☐ Other: _____

Brief explanation of changes: _____

- ☐ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:
  - The information contained in the inventory most recently submitted to the CUPA is complete, accurate and up to date.
  - There has been no change in the quantity, storage, or handling of hazardous materials (including waste) reported in the most recently submitted inventory.
  - No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
  - This certification is not being made to meet annual inventory submission requirements of EPCRA. (EPCRA requires complete annual submission)

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE	NAME OF DOCUMENT PREPARER 135
Tony Varisco	2/25/04	THERESA THOMPSON
NAME OF SIGNER *(print)*	TITLE OF SIGNER *(print)*	
TONY VARISCO	PRINCIPAL ENVIRONMENTAL SPECIALIST	

FD SENT
03 03 04

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E", San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID #	F	A	0	0	0	1	6	7	6	[redacted]	EPA ID # (Hazardous Waste Only) CAR000073007

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO DBA VULCAN MATERIALS, WESTERN DIVISION

BUSINESS ADDRESS	CITY	ZIP CODE
2400 W. HIGHLAND AVE.	SAN BERNARDINO	92407

II. ACTIVITIES DECLARATION

Does your facility...	If YES, please complete these portions of the application...	
A. HAZARDOUS MATERIALS Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases; or the applicable Federal threshold quantity for an extremely hazardous substance; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70; or handle ANY amount of Class 1 or 2 explosives; or ANY amount Category I or II pesticides.	X YES ☐ NO	**BUSINESS EMERGENCY/CONTINGENCY PLAN** (Used in place of OES Form 2730 and 2731)
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold planning quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES X NO	**BUSINESS EMERGENCY/CONTINGENCY PLAN** (Used in place of OES Form 2730 and 2731) **CalARP REGISTRATION FORM**
C. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks?	X YES ☐ NO	**UST FACILITY** **UST TANK** (Pages 1 and 2) (One set per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES X NO	**UST FACILITY** **UST TANK** (Pages 1 and 2) (One set per tank) **UST INSTALLATION – CERTIFICATE OF COMPLIANCE** (one page per tank)
3. Need to report closing a UST?	☐ YES X NO	**UST FACILITY** **UST TANK** (Pages 1 and 2) (One set per tank) **HAZARDOUS WASTE TANK CLOSURE CERTIFICATION**
D. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Store greater than 1320 gallons of petroleum products?	X YES NO	**IF YOU ANSWERED YES, PREPARE AND MAINTAIN A SPCC PLAN AS PART OF YOUR CONTINGENCY PLAN TO ADDRESS OIL SPILLS AND RELEASES FROM THE ASTs AT YOUR FACILITY.**
E. HAZARDOUS WASTE 1. Generate ANY amount of hazardous waste?	☐ YES X NO	**EPA ID NUMBER**---provide at the top of this page **BUSINESS EMERGENCY/CONTINGENCY PLAN** (Used in place of OES Form 2730 and 2731)
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per CHSC §25143.2)?	☐ YES X NO	**RECYCLABLE MATERIALS REPORT** (one per recycler)
3. Treat hazardous waste on site?	☐ YES X NO	**ONSITE HAZARDOUS WASTE TREATMENT - FACILITY** (Formerly DTSC Form 1772) **ONSITE HAZARDOUS WASTE TREATMENT - UNIT** (one page per unit) (Formerly DTSC Forms 1772A, B, C and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES X NO	**CERTIFICATION OF FINANCIAL ASSURANCE** (Formerly DTSC Form 1232)
5. Consolidated hazardous waste generated at a remote site?	☐ YES X NO	**REMOTE WASTE / CONSOLIDATED SITE ANNUAL NOTIFICATION** (Formerly DTSC Form 1196)

COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
ECONOMIC DEVELOPMENT
AND PUBLIC SERVICES GROUP

HAZARDOUS MATERIALS DIVISION
EMERGENCY RESPONSE/ENFORCEMENT
385 North Arrowhead Avenue, Second Floor • San Bernardino, CA 92415-0153
(909) 387-4631 • Fax (909) 387-4323

PETER R. HILLS
Fire Chief
County Fire Warden

16 March 2001

Calmat Co., DBA Vulcan Materials, Western Div.
P.O. Box 2950 TA
Los Angeles, CA 90051

ATTN: Peter Chiu

SUBJECT: BUSINESS PLAN ACCEPTANCE **ESTABLISHMENT NUMBER: 86008958**

The Hazardous Materials Division has reviewed the amended Business Emergency/Contingency plan of **Calmat Co.** submitted on **2-08-01** and determined that the data submitted meets the requirements of this CUPA, the California Health and Safety Code, Chapter 6.95, and Title 19 of the California Code of Regulations. The contents of this plan are subject to field verification and inspection and a current copy of this plan must be available on site.

This plan contains important information on preventing, responding to, and reporting releases of hazardous materials/wastes and employees are expected to be familiar with its relevant portions. The contents of this plan are also available for public inspection, with the exception of: substantiated trade secrets, the separate confidential emergency contact page, and portions of the plan (e.g. facility map) specifying the precise locations of hazardous materials/wastes. A copy of this plan has also been sent to the local fire jurisdiction.

Within 30 days of any of the following events, the above business must submit to this office an amendment to the appropriate portions of the inventory:

1. A 100 percent or more increase in quantity of a previously disclosed item.
2. Any handling of a previously undisclosed hazardous material (including waste) required to be inventoried or elimination of a previously inventoried item.
3. Change of business address, business ownership, or business name.
4. Change of emergency contact information or other site conditions that may significantly affect emergency response.

The annual deadline for submission of business plan inventory is March 1st. Please note that EPA does not allow EPCRA facilities to file a recertification in place of annual inventory. Also, this Department typically does not send individual notices of this statutory deadline, so please note the date for future action.

For more information please consult the latest version of the San Bernardino County CUPA Business Emergency/Contingency Plan guidelines and forms or call this office at (909) 387-4631.

Leslie Heaviside

LESLIE HEAVISIDE
Business Plan Program

WILLIAM H. RANDOLPH
County Administrative Officer

JOHN GOSS
Assistant County Administrator
Economic Development and
Public Services Group

Board of Supervisors
KATHY A. DAVIS ..... First District
JON D. MIKELS ..... Second District
JERRY EAVES ..... Fifth District
DENNIS HANSBERGER ..... Third District
FRED AGUIAR ..... Fourth District

CUPA
San Bernardino County Fire Department
HAZARDOUS MATERIALS DIVISION • EMERGENCY RESPONSE AND ENFORCEMENT
385 N. Arrowhead Ave, 2nd Floor, San Bernardino, CA 92415-0153 • PHONE: (909) 387-4631 FAX: (909) 387-4323

BUSINESS EMERGENCY/CONTINGENCY PLAN COVER SHEET

I. IDENTIFICATION

For Dept Use Only – Log In/Date Stamp

RECEIVED
FEB 08 2001
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

ESTABLISHMENT # 8 6 0 0 8 9 5 8

FACILITY ID # 3 6 0 0 1

BUSINESS NAME (Same as FACILITY NAME or DBA)
CALMAT CO. dba VULCAN MATERIALS, WESTERN DIV.

BUSINESS SITE ADDRESS: 2460 W. HIGHLAND AVE. CITY: SAN BERNARDINO ZIPCODE: 92407

II. SUBMISSION CHECKLIST

(Complete this Section if submitting an entire business emergency/contingency plan whether new or revised)

☐ This submission is a complete business emergency/contingency plan

Submission Checklist (✔) *considered "inventory" under state disclosure laws

- ☐ *Business Activities Form and *Business Owner/Operator Identification Form
- ☐ *Supplemental Emergency Contact Page
- ☐ Emergency Response Plans and Procedures
- ☐ *Hazardous Materials Inventory Summary Form for the facility listing materials (including wastes) by item number.
- ☐ *One Hazardous Materials Inventory Form for each hazardous material (including wastes) which meet reporting criteria
- ☐ *Material Safety Data Sheets attached to the inventory form of each material not listed in Appendix I.
- ☐ *Facility map (using grid form provided) consisting of all required features including the location of each inventoried item.
- ☒ Site map (using grid form provided) consisting of all required features including surrounding facilities and areas.
- ☐ Area map - photocopied city map with location of site indicated
- ☐ Owner/Operator has signed and dated the plan and all required individual pages of the plan.
- ☐ Submit 2 copies to the Hazardous Materials Division. One is for distribution to the local fire jurisdiction.
- ☐ ***Retain one copy of the business plan at the facility.***

III. UPDATE/CERTIFICATION

(Complete this Section if submitting a partial update or recertifying an existing Plan)

Check the appropriate boxes below and sign the certification statement. Submit 2 copies of all update information.

☒ Please incorporate the following into my business emergency/contingency plan.

- ☐ New Business Owner/Operator Identification Form
- ☐ New Inventory Forms and new Inventory Summary Form (and maps, if affected).
- ☐ New Supplemental Emergency Contact Page.
- ☒ Other: SITE MAP

Brief Explanation of Changes:

☒ There have been no changes to the inventory. In place of submitting the annual inventory, I hereby attest to all of the following:

- The information contained in the inventory most recently submitted to the CUPA is complete, accurate and up to date.
- There has been no change in the quantity, storage, or handling of hazardous materials (including waste) reported in the most recently submitted inventory.
- No hazardous materials (including waste) subject to inventory requirements are being handled that are not listed on the most recently submitted inventory.
- This certification is not being made to meet annual inventory submission requirements of EPCRA. (EPCRA requires complete annual submission)

IV. SIGNATURE

(Complete this Section for all submissions)

Certification - Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and believe the information is true, accurate and complete.

SIGNATURE OF OWNER/OPERATOR	DATE 134	NAME OF DOCUMENT PREPARER 135
[signature]	2/5/01	

NAME OF SIGNER (print) 136	TITLE OF SIGNER (print) 137
PETER CHIU	MGR. RNVR. AFFAIRS

COUNTY FIRE
HAZARDOUS MATERIALS
01 FEB -8 PM 1:37

Vulcan
Materials Company

CalMat Division

Feb. 5, 2001

Leslie Heaviside
San Bernardino County Fire Department
Hazardous Materials Division
385 North Arrowhead Ave.
San Bernardino, CA 92415-0153

Ref: Est. No. 86008958
2400 W. Highland Ave.
San Bernardino, CA 92407

Dear Ms. Heaviside:

Pursuant to your request dated Jan. 12, 2001, please find enclosed an updated business emergency/contingency plan cover sheet and a site map for the above referenced facility.

Respectfully,

Peter Chiu
Manager, Environmental Affairs

Cc Daryl Charlson
Plant Manager

COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
ECONOMIC DEVELOPMENT
AND PUBLIC SERVICES GROUP

HAZARDOUS MATERIALS DIVISION
EMERGENCY RESPONSE/ENFORCEMENT
385 North Arrowhead Avenue, Second Floor • San Bernardino, CA 92415-0153
(909) 387-4631 • Fax (909) 387-4323

PETER R. HILLS
Fire Chief
County Fire Warden

12 January 2001

Calmat Co. DBA Vulcan Materials, Western Div.
P.O. Box 2950 TA
Los Angeles, CA 90051

SUBJECT: NOTICE OF BUSINESS PLAN REVIEW & UPDATE REQUIREMENTS

FACILITY: 2400 W. Highland Ave., San Bernardino ESTABLISHMENT NUMBER: 86008958

The business emergency/contingency plan previously submitted for the above establishment has been reviewed and forwarded to your local fire department.

The next required deadline for you to annually update your business plan is March 1, 2001. EPCRA (311-312) filers are required to refile the entire inventory (including basic business information and emergency contacts) each year, while other facilities can submit the recertification statement with any necessary changes. You may need to do an interim update if your inventory information (including basic business information and emergency contacts) changes.

Whatever the reason for your next update, please use the enclosed forms. Based on our review of your previous submission, please be sure to address the following business plan elements/concerns in your next update:

- Site Map: No Site Map was submitted. The Site Map is intended to show the streets and facilities surrounding this facility. *Please submit a Site Map.*

Please submit 2 copies of your next update, **due no later than March 1, 2001.**
Please consult the enclosed version of the San Bernardino County CUPA Business Emergency/Contingency Plan Guidelines and Forms or call this office at (909) 387-4631 for further assistance.

LESLIE HEAVISIDE
Business Plan Program
Enclosures: Business Emergency/Contingency Plan Forms and Guidelines
Example Business Emergency/Contingency Plan

WILLIAM H. RANDOLPH
County Administrative Officer
JOHN GOSS
Assistant County Administrator
Economic Development and
Public Services Group

Board of Supervisors
KATHY A. DAVIS ..... First District
JON D. MIKELS ..... Second District
JERRY EAVES ..... Fifth District
DENNIS HANSBERGER ..... Third District
FRED AGUIAR ..... Fourth District

Vulcan
Materials Company

CalMat Division

RECEIVED
NOV 16 2000
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

Nov. 13, 2000

San Bernardino County Fire Department
Hazardous Materials Division
385 N. Arrowhead Avenue
San Bernardino, CA 92415-0153

Ref: 2400 W. Highland Ave.
San Bernardino, CA 92405

Dear Sir or Madam:

Enclosed please find two copies of an updated Business Emergency Plan for the above referenced facility.

Very truly yours,

Peter Chiu
Manager, Environmental Affairs

Cc Daryl Charlson

COUNTY FIRE DEPARTMENT

HAZARDOUS MATERIALS DIVISION
385 North Arrowhead Avenue, Second Floor • San Bernardino, CA 92415-0153

COUNTY OF SAN BERNARDINO

RICHARD W. SEWELL
Fire Chief
County Fire Warden

January 10, 1997

Cal Mat Co.
P.O. Box 2950
Los Angeles, CA 90051 Thomas Lowry

The Hazardous Materials Division has determined that the Business Plan of

2400 W Highland Ave., San Bernardino (as amended) ~~(as submitted)~~

meets the requirements mandated in the State Health and Safety Code, Chapter 6.95. The entire contents of this approved Business Plan, with the exception of "Trade Secrets" and portions of the plan specifying the precise location where hazardous materials are stored and handled on site including the maps, will be available for public inspection.

Within 30 days of any of the following events, this business must submit to this office an amendment to the inventory form detailing the handling and the following appropriate information.

1. A 100 percent or more increase in quantity of a previously disclosed material.
2. Any handling of a previously undisclosed hazardous material subject to the inventory requirements of this chapter.
3. Change of business address.
4. Change of business ownership.
5. Change of business name.

A copy of this Business Plan has been sent to the local enforcement agency and/or fire jurisdiction.

Jacquelyn Adams

JACQUELYN ADAMS, R.E.H.S.
Business Plan Coordinator
(909) 387-4631

JA/sn
bpapprv.ltr

86008958

CalMat Co

P.O. BOX 2950, LOS ANGELES, CALIFORNIA 90051 (213) 258-2777
3200 SAN FERNANDO ROAD, LOS ANGELES, CALIFORNIA 90065

December 23, 1996

San Bernardino County Fire Department
Hazardous Materials Division
385 N. Arrowhead Avenue
San Bernardino, CA 92415-0153

Attn: Jacquelyn Adams, R.E.H.S.

REF: 2400 W. Highland Avenue and 2350 W. Highland Avenue
San Bernardino, CA 92405

Dear Ms. Adams:

The changes and additions you requested have been included in this plan. The two separate business plans for CalMat Co. and Industrial Asphalt have been combined into one business plan. Industrial Asphalt's information has been added to the plan for CalMat Co.'s San Bernardino location at 2400 W. Highland Avenue.

Enclosed are an original and two copies of an updated Business Plan and Hazardous Materials Inventory for the above referenced location.

Very truly yours,

Thomas J. Lowry
Manager, Environmental Affairs

cc: James Raysor

file

COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO

HAZARDOUS MATERIALS DIVISION
385 North Arrowhead Avenue, Second Floor • San Bernardino, CA 92415-0153

RICHARD W. SEWELL
Fire Chief
County Fire Warden

November 14, 1996

CalMat Co.
P.O. Box 2950
Los Angeles, CA 90051

ATTN: Thomas Lowry, Environmental Affairs Manager

SUBJECT: BUSINESS EMERGENCY/CONTINGENCY PLAN

In reviewing the Business Plan submitted to the Hazardous Materials Division as required in Chapter 6.95 of the Health and Safety Code, it has been determined that the following are incomplete or deficient. Please submit the requested information with this letter for final review within 30 days from the above date.

Hazardous Material Inventory forms: The quantities for Item#6 & #7 are not clear. Please correct.

Inventory Summary Form: complete this form to match the completed material and waste inventory.

Area Map: Provide a map showing the facility in relation to the city(i.e. Thomas Brothers Guide)

Site Map: Enclosed is a Site Map provided to us from City Concrete. This is the level of detail needed for this map. Also provide an **Intermediary Map** showing Facility map 1 & 2 on the same page.

Facility Map: These maps must show each Hazardous Material Inventoried by Item#. Place the Item# on the map.

Emergency Notification: Insert the current Page 4 in your plan which lists the Hazardous Materials Division as the Administering Agency.

Submit all revisions in 2 copies

For further information concerning these essential elements, please refer to the "Business Emergency/Contingency Plan". If you have any questions, please call me at (909)387-4631.

Thank you for your cooperation and prompt attention to this matter.

Jacquelyn Adams

JACQUELYN ADAMS, R.E.H.S.
Business Plan Coordinator

8600858

CalMat Co

P.O. BOX 2950, LOS ANGELES, CALIFORNIA 90051 (213) 258-2777
3200 SAN FERNANDO ROAD, LOS ANGELES, CALIFORNIA 90065

October 10, 1996

RECEIVED
OCT 18 1996
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

San Bernardino County Fire Department
Hazardous Materials Division
385 N. Arrowhead Avenue
San Bernardino, CA 92415-0153

REF: 2400 W. Highland Avenue and 2350 W. Highland Avenue
San Bernardino, CA 92405

Dear Sir:

The two separate business plans for CalMat Co. and Industrial Asphalt have been combined into one business plan. Industrial Asphalt's information has been added to the plan for CalMat Co.'s San Bernardino location at 2400 W. Highland Avenue.

Enclosed are an original and two copies of an updated Business Plan and Hazardous Materials Inventory for the above referenced location.

Very truly yours,

Thomas J. Lowry
Manager, Environmental Affairs

cc: James Raysor

THIS FORM MUST BE COMPLETED PRIOR TO SUBMISSION OF YOUR BUSINESS EMERGENCY/ CONTINGENCY PLAN.

BUSINESS NAME: *CalMat Co.*

BUSINESS ADDRESS: *P.O. Box 2950, Terminal Annex, Los Angeles CA 90051*

I DECLARE UNDER PENALTY OF LAW THAT I HAVE REVIEWED THIS BUSINESS EMERGENCY/CONTINGENCY PLAN AND UNDERSTAND MY RESPONSIBILITIES; AND THAT THE INFORMATION PROVIDED IN THIS AND ALL ATTACHED DOCUMENTS IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

SIGNATURE OF OWNER/OPERATOR: _____ DATE: 10/10/96

PRINT NAME OF OWNER/OPERATOR: *Thomas J. Lowry* TITLE: *Asst. Manager Environ. Affairs*

BUSINESS PLAN PREPARED BY:
(please print)

Thomas J. Lowry

A COPY OF THIS PLAN SHALL BE RETAINED AT YOUR BUSINESS

You must also maintain current material safety data sheets (MSDSs) for all materials at the facility. Please give the name and business phone number of a person to whom questions regarding MSDSs may be addressed:

Name: *James Raysor* Business Phone: (909)875-1150

DATE PREPARED: 05/15/96

8600895

CalMat Co

P.O. BOX 2950, LOS ANGELES, CALIFORNIA 90051 (213) 258-2777
3200 SAN FERNANDO ROAD, LOS ANGELES, CALIFORNIA 90065

October 10, 1996

RECEIVED
OCT 18 1996
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

San Bernardino County Fire Department
Hazardous Materials Division
385 N. Arrowhead Avenue
San Bernardino, CA 92415-0153

REF: 2400 W. Highland Avenue and 2350 W. Highland Avenue
San Bernardino, CA 92405

Dear Sir:

The two separate business plans for CalMat Co. and Industrial Asphalt have been combined into one business plan. Industrial Asphalt's information has been added to the plan for CalMat Co.'s San Bernardino location at 2400 W. Highland Avenue.

Enclosed are an original and two copies of an updated Business Plan and Hazardous Materials Inventory for the above referenced location.

Very truly yours,

Thomas J. Lowry
Manager, Environmental Affairs

cc: James Raysor

FOR DEPT USE ONLY
Date Received
Date Approved

SAN BERNARDINO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160



BUSINESS EMERGENCY / CONTINGENCY PLAN

Section 1: **GENERAL FACILITY INFORMATION**

Business Identification:

Business Name:	***INDUSTRIAL ASPHALT***		
Business Operator:	***INDUSTRIAL ASPHALT***	Phone: (***909***) ***875-5180***	
Business Location:	2340 ~~2350~~	***W. Highland Avenue***	
	number	street	suite
	San Bernardino	***CA***	***92405***
	city	state	zip
Mailing Address:	***P.O. Box 2950***		
	number	street	suite
	Los Angeles	***CA***	***90051***
	city	state	zip
Business Owner:	***INDUSTRIAL ASPHALT***		
	last name	first name	title
Phone Number:	***(213) 256-7283***		
Parcel Number:	***0264-042-028***		
Dun & Bradstreet #:	***11-272-6971***		
Nature of Business:	***Produce hot mix asphalt paving material***		
SIC Code:	***2951*** (4-digit code)		

DATE PREPARED: 01/09/95

See pages 1A - 8A for instructions on how to fill out this plan.

Business Identification cont'd.

Total # of Employees onsite/shift: ***4*** ***Ø*** ***Ø*** (as reported on your most recent withholding forms.)

Total # of Employees onsite involved in the handling of hazardous materials: ***4***

Hours of Operation: ***7:00am - 3:30pm***

Number of underground storage tanks located at this facility: ***One (1) fuel tank***

Extremely Hazardous Substances (Acutely Hazardous Materials) are stored or handled on site.
YES [ ] NO [X] In threshold planning quantity ***YES [ ] NO [ ]***

Is there a school(s), hospital(s), or extended care facility(ies) within 1,000 ft. (straight line distance) of your facility? ***NO [X]***

YES [ ] Provide name(s) and address(es) of site(s):

Name	#	Street
Name	#	Street
Name	#	Street

Does this facility have a laboratory on site? ***NO [X]***

YES [ ] Give a general description of the laboratory and a ***brief*** description of the type(s) and quantity of hazardous materials in the lab.

THIS FORM MUST BE COMPLETED PRIOR TO SUBMISSION OF YOUR BUSINESS EMERGENCY/ CONTINGENCY PLAN.

BUSINESS NAME: *INDUSTRIAL ASPHALT*

BUSINESS ADDRESS: *2350 W. HIGHLAND AVENUE, SAN BERNARDINO, CA 92405*

I DECLARE UNDER PENALTY OF LAW THAT I HAVE REVIEWED THIS BUSINESS EMERGENCY/CONTINGENCY PLAN AND UNDERSTAND MY RESPONSIBILITIES; AND THAT THE INFORMATION PROVIDED IN THIS AND ALL ATTACHED DOCUMENTS IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

SIGNATURE OF OWNER/OPERATOR: Dwight Beavers DATE: 1-16-95

PRINT NAME OF OWNER/OPERATOR: *DWIGHT BEAVERS* TITLE: *V.P. TECHNICAL*

BUSINESS PLAN PREPARED BY:
(please print)

DWIGHT BEAVERS

A COPY OF THIS PLAN SHALL BE RETAINED AT YOUR BUSINESS

You must also maintain current material safety data sheets (MSDSs) for all materials at the facility. Please give the name and business phone number of a person to whom questions regarding MSDSs may be addressed:

Name: *DWIGHT BEAVERS* Business Phone: (213)256-7283

DATE PREPARED: 01/09/95

FACILITY EMERGENCY EQUIPMENT: List facility emergency equipment on site (fire extinguisher, fire alarms, spill control equip., SCBA, first aid kits, etc.); include test/maintenance plan.

- *Absorbent (sand)*
- *Rubber tired loader*
- *Fire extinguishers*
- *Loudspeaker*
- *First Aid kit*
- *Shovels, gloves, respirators*

FACILITY EARTHQUAKE RESPONSE: Identity areas of the facility and mechanical or other systems that require immediate inspection because of their vulnerability to earthquake related ground motion.

Natural gas main shut off valve.

ARRANGEMENTS/AGREEMENTS: Describe any arrangements or agreements that you have with private emergency response teams, waste haulers, disposal companies, recyclers, local hospitals, police or fire. If you have no arrangements or agreements, state that fact in the space provided.

No specific arrangement or agreements.

SAN BERNARDINO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIAL INVENTORY FORM

Non-Trade Secret Page

FACILITY NAME: *INDUSTRIAL ASPHALT* ***ITEM #*** *1*

Chemical Name:	*No. 2 Diesel*	CAS #: *68476-34-6*
Common Name:		DOT #: *1993*
Physical Hazard:	FIRE: *X* PRESSURE: ___ REACTIVE: ___	
Health Hazard:	IMMEDIATE HEALTH: *X* DELAYED HEALTH: *X*	
Physical State:	FORM: Solid:___ Liquid:*X* Gas:___ Dust:___ TYPE: Pure:*X* Mixture:___	
Amount and Time at Facility	#Days/year on-site: *365* Maximum Amount: *9,000* Average Amount: *1,000* Container Type: *Underground Tank* Storage Pressure: *AMB.* Storage Temp: *AMB.*	Unit of Measure: gals: ☒ lbs: ☐ cu. ft: ☐
Storage Location(s):	*C* *5* _____ _____ _____ _____ (Provide grid coordinates from completed facility map.)	

Percent Concentration & Components

_____%	
_____%	
_____%	
_____%	
_____%	
_____%	

NOTES: Trade name(s)/synonym(s) or other information relevant to material(s) listed.

DATE PREPARED: *01/09/95* ***MAKE COPIES OF THIS FORM AS NEEDED***
REMEMBER TO ATTACH MSDS TO THIS FORM IF THE MATERIAL IS NOT LISTED IN APPENDIX I

MATERIAL

SAN BERNARDINO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIAL INVENTORY FORM

Non-Trade Secret Page

FACILITY NAME: *INDUSTRIAL ASPHALT* ***ITEM #*** *2*

Chemical Name:	*Acetylene*	CAS #: *74-86-2*
Common Name:		DOT #: *1001*
Physical Hazard:	FIRE: *X* PRESSURE: *X* REACTIVE:	
Health Hazard:	IMMEDIATE HEALTH: *X* DELAYED HEALTH: *X*	
Physical State:	FORM: Solid: Liquid: Gas: *X* Dust: TYPE: Pure: *X* Mixture:	
Amount and Time at Facility	#Days/year on-site: *365* Maximum Amount: *240* Average Amount: *120* Container Type: *Pressurized Cylinder* Storage Pressure: *Above* Storage Temp: *AMB.*	Unit of Measure: gals: ☐ lbs: ☐ cu. ft: ☒
Storage Location(s):	*D 3* (Provide grid coordinates from completed facility map.)	

Percent Concentration & Components

____%	
____%	
____%	
____%	
____%	
____%	

NOTES: Trade name(s)/synonym(s) or other information relevant to material(s) listed.

MATERIAL

DATE PREPARED: *01/09/95* ***MAKE COPIES OF THIS FORM AS NEEDED***
REMEMBER TO ATTACH MSDS TO THIS FORM IF THE MATERIAL IS NOT LISTED IN APPENDIX I

SAN BERNARDINO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIAL INVENTORY FORM

Non-Trade Secret Page

FACILITY NAME: *INDUSTRIAL ASPHALT* ***ITEM #*** *3*

Chemical Name:	*Oxygen*	CAS #: *7782-44-7*
Common Name:		DOT #: *1072*
Physical Hazard:	FIRE: ___ PRESSURE: *X* REACTIVE: ___	
Health Hazard:	IMMEDIATE HEALTH: ___ DELAYED HEALTH: ___	
Physical State:	FORM: Solid:___ Liquid:___ Gas: *X* Dust:___ TYPE: Pure: *X* Mixture:___	
Amount and Time at Facility	#Days/year on-site: *365* Maximum Amount: *480* Average Amount: *280* Container Type: *Pressurized Cylinder* Storage Pressure: *Above* Storage Temp: *AMB.*	Unit of Measure: gals: ☐ lbs: ☐ cu. ft: ☒
Storage Location(s):	*D* *3* _____ _____ _____ _____ (Provide grid coordinates from completed facility map.)	

Percent Concentration & Components

_____%	_____
_____%	_____
_____%	_____
_____%	_____
_____%	_____
_____%	_____

NOTES: Trade name(s)/synonym(s) or other information relevant to material(s) listed.

MATERIAL

DATE PREPARED: *01/09/95*

MAKE COPIES OF THIS FORM AS NEEDED
REMEMBER TO ATTACH MSDS TO THIS FORM IF THE MATERIAL IS NOT LISTED IN APPENDIX I

SAN BERNARDINO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIAL INVENTORY FORM

Non-Trade Secret Page

FACILITY NAME: *INDUSTRIAL ASPHALT* ***ITEM #*** *4*

Chemical Name: *AR/AC Grade Paving Asphalt (Fumes)* CAS #: *8052424*

Common Name: _____ DOT #: *1999*

Physical Hazard: FIRE: *X* PRESSURE: ___ REACTIVE: ___

Health Hazard: IMMEDIATE HEALTH: *X* DELAYED HEALTH: *X*

Physical State: FORM: Solid:___ Liquid: *X* @ 350°F Gas:___ Dust:___
TYPE: Pure:___ Mixture:___

Amount and Time at Facility		Unit of Measure:	
	#Days/year on-site: *365*		
	Maximum Amount: *300*	gals:	☐
	Average Amount: *200*	lbs:	☐
	Container Type: *Underground Tank*	cu. ft:	☐
	Storage Pressure: *AMB* Storage Temp: *350°F*	tons:	☒

Storage Location(s): *C* *5* _____ _____ _____ _____
(Provide grid coordinates from completed facility map.)

Percent Concentration & Components

_____% _____
_____% _____
_____% _____
_____% _____
_____% _____
_____% _____

NOTES: Trade name(s)/synonym(s) or other information relevant to material(s) listed.

DATE PREPARED: *01/09/95*

MAKE COPIES OF THIS FORM AS NEEDED
REMEMBER TO ATTACH MSDS TO THIS FORM IF THE MATERIAL IS NOT LISTED IN APPENDIX I

MATERIAL

SAN BERNARDINO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIAL INVENTORY FORM

Non-Trade Secret Page

FACILITY NAME: *INDUSTRIAL ASPHALT* ***ITEM #*** *5*

Chemical Name:	*SC-Cutback Asphalt (Fumes)*	CAS #: *8052424*
Common Name:		DOT #: *1999*
Physical Hazard:	FIRE: *X* PRESSURE: ___ REACTIVE: ___	
Health Hazard:	IMMEDIATE HEALTH: *X* DELAYED HEALTH: *X*	
Physical State:	FORM: Solid:___ Liquid:*X* Gas:___ Dust:___ TYPE: Pure:___ Mixture:*X*	

Amount and Time at Facility		Unit of Measure:	
	#Days/year on-site: *365*		
	Maximum Amount: *50*	gals:	☐
	Average Amount: *30*	lbs:	☐
	Container Type: *Underground Tank*	cu. ft:	☐
	Storage Pressure: *AMB* Storage Temp: *225°F*	tons:	☒

Storage Location(s): *C* *5* (Provide grid coordinates from completed facility map.)

Percent Concentration & Components

40-80 %	*Petroleum Asphalt*
20-58 %	*Petroleum Distillates*
___ %	*Petroleum Asphalt Fumes*
___ %	
___ %	
___ %	

NOTES: Trade name(s)/synonym(s) or other information relevant to material(s) listed.

MATERIAL

DATE PREPARED: *01/09/95*

MAKE COPIES OF THIS FORM AS NEEDED
REMEMBER TO ATTACH MSDS TO THIS FORM IF THE MATERIAL IS NOT LISTED IN APPENDIX I

SAN BERNARDINO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIAL INVENTORY FORM

Non-Trade Secret Page

FACILITY NAME: *INDUSTRIAL ASPHALT* ***ITEM #*** *6*

Chemical Name:	*Propane*	CAS #: *74-98-6*
Common Name:		DOT #: *2402*
Physical Hazard:	FIRE: *X* PRESSURE: *X* REACTIVE:	
Health Hazard:	IMMEDIATE HEALTH: *X* DELAYED HEALTH: *X*	
Physical State:	FORM: Solid: Liquid: Gas: *X* Dust: TYPE: Pure: *X* Mixture:	
Amount and Time at Facility	#Days/year on-site: *365* Maximum Amount: *250* Average Amount: *100* Container Type: *Pressurized Cylinder* Storage Pressure: *ABOVE* Storage Temp: *AMB*	Unit of Measure: gals: ☒ lbs: ☐ cu. ft: ☐
Storage Location(s):	*B* *6* (Provide grid coordinates from completed facility map.)	

Percent Concentration & Components

_____% _____

_____% _____

_____% _____

_____% _____

_____% _____

_____% _____

NOTES: Trade name(s)/synonym(s) or other information relevant to material(s) listed.

MATERIAL

DATE PREPARED: *01/09/95*

MAKE COPIES OF THIS FORM AS NEEDED
REMEMBER TO ATTACH MSDS TO THIS FORM IF THE MATERIAL IS NOT LISTED IN APPENDIX I

SAN BERNARDINO COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS MATERIAL INVENTORY FORM

Non-Trade Secret Page

FACILITY NAME: *INDUSTRIAL ASPHALT* ***ITEM #*** *7*

Chemical Name:	*No. 2 Diesel*	CAS #: *68476-34-6*
Common Name:		DOT #: *1993*
Physical Hazard:	FIRE: *X* PRESSURE: ___ REACTIVE: ___	
Health Hazard:	IMMEDIATE HEALTH: *X* DELAYED HEALTH: *X*	
Physical State:	FORM: Solid:___ Liquid:*X* Gas:___ Dust:___ TYPE: Pure:*X* Mixture:___	
Amount and Time at Facility	#Days/year on-site: *365* Maximum Amount: *350* Average Amount: *200* Container Type: *Above Ground Tank* Storage Pressure: *AMB* Storage Temp: *AMB*	Unit of Measure: gals: ☒ lbs: ☐ cu. ft: ☐
Storage Location(s):	*F 2* (Provide grid coordinates from completed facility map.)	

Percent Concentration & Components

____%	
____%	
____%	
____%	
____%	
____%	

NOTES: Trade name(s)/synonym(s) or other information relevant to material(s) listed.

DATE PREPARED: *01/09/95*

MAKE COPIES OF THIS FORM AS NEEDED
REMEMBER TO ATTACH MSDS TO THIS FORM IF THE MATERIAL IS NOT LISTED IN APPENDIX I

MATERIAL

ENVIRONMENTAL HEALTH SERVICES

☒ 385 North Arrowhead Avenue • San Bernardino, CA 92415-0160 • (909) 387-4646
☐ 320 East "D" Street • Ontario, CA 91764 • (909) 391-7570
☐ 15505 Civic Drive • Victorville, CA 92392 • (619) 243-8141
☐ 17830 Arrow Boulevard • Fontana, CA 92335 • (909) 829-6244
☐ 57407 Twentynine Palms Highway • Yucca Valley, CA 92284 • (619) 228-5410
☐ San Bernardino County Vector Control Program
2355 East Fifth Street • San Bernardino, CA 92415-0064 • (909) 383-3200

COUNTY OF SAN BERNARDINO
ENVIRONMENTAL
MANAGEMENT GROUP

PAMELLA BENNETT, R.E.H.S.
Director

Also serving the cities of:

Adelanto	Montclair
Apple Valley	Needles
Barstow	Ontario
Big Bear Lake	Rancho Cucamonga
Chino	Redlands
Chino Hills	Rialto
Colton	San Bernardino
Fontana	Twentynine Palms
Grand Terrace	Upland
Hesperia	Victorville
Highland	Yucaipa
Loma Linda	Yucca Valley

February 21, 1995

Industrial Asphalt
P.O. Box 2950
Los Angeles, CA 90051

The Department of Environmental Health Services Emergency Management Program has determined that the Business Plan of

~~(as amended)~~

2340 W. Highland Ave., San Bernardino (as submitted)

meets the requirements mandated in the State Health and Safety Code, Chapter 6.95. The entire contents of this approved Business Plan, with the exception of "Trade Secrets" and portions of the plan specifying the precise location where hazardous materials are stored and handled on site including the maps, will be available for public inspection.

Within 30 days of any of the following events, this business must submit to this Department an amendment to the inventory form detailing the handling and the following appropriate information.

1. A 100 percent or more increase in quantity of a previously disclosed material.

2. Any handling of a previously undisclosed hazardous material subject to the inventory requirements of this chapter.

3. Change of business address.

4. Change of business ownership.

5. Change of business name.

A copy of this Business Plan has been sent to the local enforcement agency and/or fire jurisdiction.

Jacquelyn Medellin

JACQUELYN MEDELLIN, R.E.H.S.
Business Plan Coordinator
(909) 387-4677

JM:sn

Board of Supervisors
First District
Second District

8600911

INDUSTRIAL ASPHALT



January 16, 1995

County of San Bernardino
Dept. of Environmental Health Services
385 N. Arrowhead Avenue
San Bernardino, CA 92415-0160

REF: 2340 W. Highland Avenue
San Bernardino, CA 92405

Dear Sir:

Enclosed are an original and two copies of an updated Business Plan for the above referenced location.

Very truly yours,

Dwight Beavers

Dwight Beavers
Vice President, Technical

cc: Jim Raysor

3200 San Fernando Road, Los Angeles, CA 90065
Mailing Address: P.O. Box 2950, Los Angeles, CA 90051 • (213) 256-7283

BUSINESS PLAN UPDATE FORM

Department of Environmental Health Services
385 North Arrowhead Avenue
San Bernardino, CA 92415-0160

Attn: Business Plan Coordinator

FACILITY NAME: INDUSTRIAL ASPHALT

ADDRESS: 2340 W. HIGHLAND AVE

SAN BERNARDINO, CA 92405

CONTACT PERSON: DWIGHT BEAVERS PHONE NUMBER: (818) 781-6080

Annual Inventory Update (due every year by January 1)

☒ No significant changes in inventory have occurred since the last business plan or inventory was submitted.

☐ New inventory forms are attached.
- ☐ Replace previous inventory with attached inventory.
- ☐ Replace only designated pages of inventory.

Special instructions: _____

Biennial Review and Recertification (due January 1 of even-numbered years)

☐ I certify that the business plan has been reviewed and the information contained in the business plan is accurate and complete as of this date.

Other Updates

☒ Please incorporate the following information into the business plan for this facility:

REVISED SITE PLAN (3-8-91)

I declare, under penalty of perjury, that the information provided herein is true and correct to the best of my knowledge.

Signature: Dwight Beavers Date: 3-18-91

Printed Name: DWIGHT BEAVERS

NOTE: DEHS provides this information to local police and fire jurisdictions. Please provide **three (3)** copies of all update information.

INDUSTRIAL ASPHALT

January 19, 1989



Environmental Health Services
385 N. Arrowhead Ave.
San Bernardino, CA 92415-0160

Attn: Claudia Lynn Clark
Emergency Management Program

REF: Hot Mix Asphalt Plant - Loc. 19
2340 W. Highland Ave.
San Bernardino, CA 92405

Dear Ms. Clark:

Attached is a revised and updated Business Plan for our asphalt plant on Highland Avenue in San Bernardino.

Enclosed are MSDS sheets for propane which were not submitted with our original Business Plan.

Very truly yours,

Dwight Beavers

Dwight Beavers
Vice President
Technical - Administrative

DB/co

Enclosures

cc: Jim Raysor

6623 Calle Eva Miranda, Azusa, CA 91702 Mailing Address: P.O. Box 2263, Irwindale, CA 91706 (818) 969-7951

*COMPLETE THIS FORM AND ATTACH TO EACH COPY OF THE BUSINESS PLAN

BUSINESS NAME: INDUSTRIAL ASPHALT

ADDRESS: P.O. BOX 2263 IRWINDALE CA 91706

CONTACT PERSON: DWIGHT BEAVERS

PHONE #: (818) 969-7951

I declare, under penalty of perjury, that the information provided herein is true and correct to the best of my knowledge.

Dwight Beavers
Signature

1-18-89
Date

Business Plan Prepared By: DWIGHT BEAVERS

V. P. - TECH.

December 12, 1988

INDUSTRIAL ASPHALT

Herman McKethan, R.S.
Environmental Health Services
385 N. Arrowhead Ave.
San Bernardino, CA 92415-0160

REF: Hazardous Waste Generator
Inspection Report
4711 Huntington Dr.
Claremont, CA 91711

Dear Mr. McKethan:

In response to your follow-up inspection on December 9, 1988, the following items have been addressed.

Item 3. Enclosed is a copy of the cover letter submitted with our revised and updated Emergency Business Response Plan. A revised location drawing will be submitted to include the mechanics shop area.

Item 5. Enclosed is a copy of the Generator/Handler Application submitted on November 18, 1988.

Item 6. Material Safety Data Sheets were submitted in triplicate on October 23, 1987 with our original Emergency Business Response Plan. The chemicals have not changed and in the interest of paperwork reduction, those same MSDS sheets should be attached to our revised and updated Emergency Business Response Plan. MSDS sheets will be submitted for any new chemicals stored or used at the location.

Item 7. Enclosed is a copy of the application for an EPA number for the site.

The other items listed on your report will be completed by plant personnel within the next 30 days.

Very truly yours,

Dwight Beavers

Dwight Beavers
Vice President
Technical - Administrative

cc: Dave Hunter - IA Manager
Claudia Lynn Clark
Emergency Health Services
385 North Arrwohead Ave.
San Bernardino, CA 92415-0160

6623 Calle Eva Miranda, Azusa, CA 91702 Mailing Address: P.O. Box 2263, Irwindale, CA 91706 (818) 969-7951

ENVIRONMENTAL HEALTH SERVICES

COUNTY OF SAN BERNARDINO
ENVIRONMENTAL
PUBLIC WORKS AGENCY

☐ 385 North Arrowhead Avenue • San Bernardino, CA 92415-0160 • (714) 387-4646
☐ 320 East "D" Street • Ontario, CA 91764 • (714) 391-7570
☐ 15505 Civic Drive • Victorville, CA 92392 • (619) 243-8141
☐
PLEASE REPLY TO ADDRESS CHECKED

RICHARD L. ROBERTS, R.S., M.P.H.
Director

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Loma Linda	Victorville
Montclair	

November 2, 1987

Industrial Asphalt
Hot Mix Asphalt Plant
2340 W. Highland Ave.
San Bernardino, CA 92405

Dear Sirs;

The Department of Environmental Health Services Emergency Management Program has determined that the Business Plan of Industrial Asphalt, 2340 W. Highland Ave., San Bernardino, CA [✓] as amended [ ] as submitted meets the requirements mandated in the State Health and Safety Code, Chapter 6.95. The entire contents of this approved Business Plan, with exception of "Trade Secrets" and portions of the plan specifying the precise location where hazardous materials are stored and handled on site including the maps, will be available for public inspection.

Within 30 days of any one of the following events, this business must submit to this department an amendment to the inventory form detailing the handling and the following appropriate information.

(1) A 100 percent or more increase in quantity of a previously disclosed material

(2) Any handling of a previously undisclosed hazardous materials subject to the inventory requirements of this chapter

(3) Change of business address

(4) Change of business ownership

(5) Change of business name.

A copy of this Business Plan has been sent to the local enforcement agency and fire jurisdiction.

RICHARD L. ROBERTS, R.S., M.P.H.
Director, Environmental Health Services

Claudia Lynn Clark

By: **CLAUDIA LYNN CLARK, R.S.**
Emergency Management Program
(714) 387-3080

RLR:CLC:ps

HARRY M. MAYS
County Administrative Officer
G. L. INGRAM, Administrative
Environmental Public Works Agency

JOHN JOYNER
JON D. MIKELS

Board of Supervisors
First District
Second District
ROBERT P. HAMASAKI
BARBARA CRAM PEPPER
LARRY WALKER
Third District

INDUSTRIAL ASPHALT



October 23, 1987

Environmental Health Services
385 North Arrowhead Ave.
San Bernardino, CA 92415-0160

Attn: Claudia Lynn Clark
Emergency Management Program

REF: Hot Mix Asphalt Plant - Loc. 19
2340 W. Highland Ave.
San Bernardino, CA 92405

Dear Ms. Clark:

In response to your October 2, 1987 request for additional information about the above-referenced location, we respectfully submit the following:

1) Assessors Parcel Number: 0264-042-028

2) Asphalt Emulsion is used by our customers as a tack coat prior to placement of hot mix asphalt. Emulsion SS1-h is not considered hazardous and is not regulated by the California Dept. of Health Services. 6000 gal tank

   Less than 5 gallons of waste motor oil is generated per month.

3) Emergency Equipment (Fire Extinguishers) are stored at various locations throughout the plant. See site map for specific locations.

4) Material Data Safety Sheets enclosed.

   a. Fuel
   b. Oxygen
   c. Acetylene

5) Revised site layout/facility map showing storage location of oxygen, acetylene, and fire extinguishers.

Very truly yours,

Dwight Beavers

Dwight Beavers
Vice President - Technical

cc: Jim Raysor

6623 Calle Eva Miranda, Irwindale, CA 91706 Mailing Address: P.O. Box 2263, Irwindale, CA 91706 [818] 969-7951

19 - SAN BERNARDINO

ENVIRONMENTAL HEALTH SERVICES

COUNTY OF SAN BERNARDINO
ENVIRONMENTAL
PUBLIC WORKS AGENCY

☐ 385 North Arrowhead Avenue • San Bernardino, CA 92415-0160 • (714) 387-4646
☐ 320 East "D" Street • Ontario, CA 91764 • (714) 391-7570
☐ 15505 Civic Drive • Victorville, CA 92392 • (619) 243-8141
☐
PLEASE REPLY TO ADDRESS CHECKED

RICHARD L. ROBERTS, R.S., M.P.H.
Director

Also serving the cities of:

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Loma Linda	Victorville
Montclair	

INDUSTRIAL ASPHALT
P.O. BOX 2278
SAN BERNARDINO, CALIF. 92406

DEAR SIRS: 2 OCTOBER 1987

In reviewing the Business Plan submitted to the Department of Environmental Health Services as required in Chapter 6.95 of the Health and Safety Code, it has been determined that the following are/is incomplete or deficient. Please submit the requested information with this letter to DEHS for final review within 30 days.

- ✓ Name, address and assessors parcel number 0264-042-028
- _____ Business phone number
- _____ Owner/Operator name
- _____ Business description or activity
- _____ Emergency Contact Persons (submit 2)
- ✓ Inventory of hazardous materials Quantity for Asphalt Emulsion Handled any motor oil waste per Month?
- _____ Notification Plan
- _____ Preventive Measures
- _____ Evacuation Plan
- _____ Facility Training Plan
- ✓ Emergency Equipment Where stored?
- _____ Emergency Procedures
- _____ Number of Employees
- ✓ Material Data Safety Sheets O2, Acetylene and fuel
- _____ Area Map, Site Map, Facility Map where O2 Acetylene fire equip stored?
- _____ Business Plan to be submitted in **triplicate**

For further information concerning these essential elements, please refer to the "Hazardous Material Handler Information Guide" prepared by DEHS.

Thank you for your cooperation and prompt attention to this matter.

RICHARD L. ROBERTS, R.S., M.P.H.
Director, Environmental Health Services

Claudia Lynn Clark

BY: **CLAUDIA LYNN CLARK, R.S.**
Emergency Management Program

HARRY M. MAYS
County Administrative Officer
S. L. INGRAM, Administrator
Environmental Public Works Agency

Board of Supervisors
JOHN JOYNER ... First District
JON D. MIKELS ... Second District
ROBERT L. KRIPPNER ... Third District
BARBARA CRAM RIORDAN ... Fourth District
LARRY WALKER ... Fifth District

INDUSTRIAL ASPHALT

June 17, 1987

Department of Environmental Health Services
Energy Management Program
385 N. Arrowhead Ave.
San Bernardino, CA 92415-0160

SUBJECT: Business Plan

Gentlemen:

Enclosed are Material Safety Data Sheets inadvertently left out of the Business Plans submitted under our cover letter dated June 16, 1987. Please attach a copy to each location.

Thank You.

Very truly yours,

Dwight Beavers
Vice President - Technical

DB/co

Enclosure

6623 Calle Eva Miranda, Irwindale, CA 91706 Mailing Address: P. O. Box 2263, Irwindale, CA 91706 [818] 969-7951

INDUSTRIAL ASPHALT



June 16, 1987

Department of Environmental Health Services
Emergency Management Program
385 N. Arrowhead Ave.
San Bernardino, CA 92415-0160

Subject: Business Plan

Gentlemen:

Enclosed are Business Plans for the following Industrial Asphalt facilities:

1. Location 02
   4711 Huntington Drive
   Montclair, CA 91763

2. Location 04
   265 E. Santa Ana
   Rialto, CA 92376

3. Location 19
   2340 W. Highland Ave.
   San Bernardino, CA 92405

4. Location 51
   19th & Campus
   Claremont, CA 91711

Very truly yours,

Dwight Beavers

Dwight Beavers
Vice President - Technical

DB/co

Enclosures

6623 Calle Eva Miranda, Irwindale, CA 91706 Mailing Address: P.O. Box 2263, Irwindale, CA 91706 [818] 969-7951

COMPLETE THIS FORM AND ATTACH TO EACH COPY OF BUSINESS PLAN

BUSINESS NAME: INDUSTRIAL ASPHALT

ADDRESS: P.O. BOX 2263, IRWINDALE, CA 91706

CONTACT PERSON: DWIGHT BEAVERS

PHONE #: (818) 969-7951

I declare, under penalty of perjury, that the information provided herein is true and correct to the best of my knowledge.

Dwight Beavers
Signature

JUNE 17, 1987
Date

Business Plan prepared by: DWIGHT BEAVERS
V. P. TECH

SAN BERNARDINO COUNTY CUPA
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

EP: AP:2 AR:0.00

VULCAN MATERIALS CO
500 N. BRAND AVE, STE 500
GLENDALE, CA 91203

This Unified Permit is hereby issued to:
VULCAN MATERIALS WESTERN DIVISION
2350 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0007904 for a period not to exceed one year from effective date.

Effective Date: 9/1/2014 **Expiration Date: 8/31/2015**

CUPA Facility Type: 5012-CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2

Permit Number	Program Element	Related ID
PT0013814	4243 HAZARDOUS MATERIALS 4-10 CHEMICALS	PR0012216
PT0024492	4453 SMALL QUANTITY GENERATOR	PR0032351

Permitted by:
San Bernardino County CUPA
620 South "E" Street
San Bernardino, CA 92415-0153
(909) 386-8401

Mike Horton, Fire Marshal

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT. THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

CUPA PERMIT CONDITIONS

As a condition of the Certified Unified Program Agency (CUPA) permit to operate, the owner, operator, and permit holder shall comply with the following:

a. **Hazardous Materials Release Response Plans and Inventories Program (HMRRP):** California Health and Safety Code (CHSC) Division 20, Chapter 6.95, Article 1 and Title 19 California Code of Regulations (CCR).

b. **California Accidental Release Prevention Program (CalARP):** CHSC Division 20, Chapter 6.95, Article 2 and Title 19 CCR.

c. **Underground Storage Tanks (USTs):** CHSC Division 20, Chapters 6.5, 6.7 and Title 23 CCR, Chapter 16.

   (1) Monitoring, Response and Plot Plans shall be approved by the San Bernardino County CUPA.

   (2) The owner and operator are subject to all applicable requirements of Chapter 6.7 of the CHSC and the applicable regulations.

   (3) This permit and permit conditions including the Monitoring, Response and Plot Plans shall be maintained on site.

   (4) Monitoring or programming for monitoring shall be conducted at the locations of the following UST equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas (e.g. double-walled piping); mechanical or electronic line leak detectors; and in-tank liquid level probes used for leak detection.
   Note: The UST ID Number is listed on the front of the permit for each UST.

d. **Aboveground Petroleum Storage Act SPCC Plans:** CHSC Division 20, Chapter 6.67 and 40 CFR 112.

e. **Hazardous Waste Generator and Hazardous Waste Onsite Treatment:** CHSC Division 20, Chapter 6.5 and Title 22 CCR, Division 4.5, Chapters 10, 11, 12, 20 and 31.

f. **San Bernardino County Fire Protection District Code (SBCFPD FC), Hazardous Materials Management Plans and Inventories:** CHSC Division 12, Part 2, Chapter 1, Article 2, Section 13143.9, CHSC Division 20, Chapter 6.95, Article 1, Section 25504, **SBCFPD FC** Chapter 4, Section 407.5, Section 407.6, Chapter 50, Section 5001.5.1 and Section 5001.5.2.

g. **Unified Program Forms and Electronic Reporting:** CHSC Division 20, Chapter 6.11, Section 25404(e)(4) and Title 27 CCR.

SAN BERNARDINO COUNTY CUPA
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

EP: AP:3 AR:0.00

VULCAN MATERIALS WESTERN DIVISION
500 N. BRAND AVE, STE 500
GLENDALE, CA 91203

This Unified Permit is hereby issued to:
VULCAN MATERIALS WESTERN DIVISION
2350 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0007904 for a period not to exceed one year from effective date.

Effective Date: 9/1/2013 **Expiration Date: 8/31/2014**

Permit Number	Program Element	Related ID
PT0013814	4243 HAZARDOUS MATERIALS 4-10 CHEMICALS	PR0012216
PT0024492	4453 SMALL QUANTITY GENERATOR	PR0032351
PT0026787	5012 CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2	PR0035665

Permitted by:
San Bernardino County CUPA
620 South "E" Street
San Bernardino, CA 92415-0153
(909) 386-8401

Mike Horton, Fire Marshal

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT. THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

CUPA PERMIT CONDITIONS

As a condition of the Certified Unified Program Agency (CUPA) permit to operate, the owner, operator, and permit holder shall comply with the following:

a. **Hazardous Materials Release Response Plans and Inventories Program (HMRRP):** California Health and Safety Code (CHSC) Division 20, Chapter 6.95, Article 1 and Title 19 California Code of Regulations (CCR).

b. **California Accidental Release Prevention Program (CalARP):** CHSC Division 20, Chapter 6.95, Article 2 and Title 19 CCR.

c. **Underground Storage Tanks (USTs):** CHSC Division 20, Chapters 6.5, 6.7 and Title 23 CCR, Chapter 16.

   (1) Monitoring, Response and Plot Plans shall be approved by the San Bernardino County CUPA.

   (2) The owner and operator are subject to all applicable requirements of Chapter 6.7 of the CHSC and the applicable regulations.

   (3) This permit and permit conditions including the Monitoring, Response and Plot Plans shall be maintained on site.

   (4) Monitoring or programming for monitoring shall be conducted at the locations of the following UST equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas (e.g. double-walled piping); mechanical or electronic line leak detectors; and in-tank liquid level probes used for leak detection.
   Note: The UST ID Number is listed on the front of the permit for each UST.

d. **Aboveground Petroleum Storage Act SPCC Plans:** CHSC Division 20, Chapter 6.67 and 40 CFR 112.

e. **Hazardous Waste Generator and Hazardous Waste Onsite Treatment:** CHSC Division 20, Chapter 6.5 and Title 22 CCR, Division 4.5, Chapters 10, 11, 12, 20 and 31.

f. **San Bernardino County Fire Protection District Code (SBCFPD FC), Hazardous Materials Management Plans and Inventories:** CHSC Division 12, Part 2, Chapter 1, Article 2, Section 13143.9, CHSC Division 20, Chapter 6.95, Article 1, Section 25504, **SBCFPD FC** Chapter 4, Section 407.5, Section 407.6, Chapter 50, Section 5001.5.1 and Section 5001.5.2.

g. **Unified Program Forms and Electronic Reporting:** CHSC Division 20, Chapter 6.11, Section 25404(e)(4) and Title 27 CCR.

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT
CERTIFIED UNIFIED PROGRAM AGENCY

TEMPORARY UST PERMIT TO OPERATE

VULCAN MATERIALS CO
500 N. BRAND AVE, STE
500
GLENDALE CA 91203

This Unified Permit is hereby issued to:

VULCAN MATERIALS
WESTERN DIVISION
2350 W HIGHLAND AVE
SAN BERNARDINO CA

Temporary Permit is issued to Facility: FA0007904

Effective Date: 8/31/2013

Permit Number	Program Element
TA0000684	2013-2014 TEMPORARY PERMIT TO OPERATE FOR ALL EXISTING USTS ONSITE ACCORDING TO THEIR APPROVED MONITORING PLAN IS VALID UNTIL THE INVOICE FOR THE 2013-2014 ANNUAL PERMIT IS RECEIVED BY THE PERMITHOLDER. PLEASE CONTACT ANGIE SAMAYOA AT ASAMAYOA@SBCFIRE.ORG WITH ANY QUESTIONS REGARDING THIS TEMPORARY PERMIT TO OPERATE.

Permitted by:
San Bernardino County Fire Protection District
Hazardous Materials Division
620 South "E" Street
San Bernardino, CA 92415-0153
(909) 386-8401

Mark A. Hartwig, Fire Chief

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT. THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

PERMIT CONDITIONS

As a condition of the permit to operate, the owner, operator, and permit holder shall comply with the following:

a. **Hazardous Materials Release Response Plans and Inventories Program (HMRRP):** California Health and Safety Code (CHSC) Division 20, Chapter 6.95, Article 1 and Title 19 California Code of Regulations (CCR).

b. **California Accidental Release Prevention Program (CalARP):** CHSC Division 20, Chapter 6.95, Article 2 and Title 19 CCR.

c. **Underground Storage Tanks (USTs):** CHSC Division 20, Chapters 6.5, 6.7, 6.75, and Title 23 CCR, Chapters 16 & 18.

   (1) Monitoring, Response and Plot Plans shall be approved by the San Bernardino County CUPA.

   (2) The owner and operator are subject to all applicable requirements of Chapter 6.7 and 6.75 of the CHSC and the applicable regulations.

   (3) This permit and permit conditions including the Monitoring, Response and Plot Plans shall be maintained on site.

   (4) Monitoring or programming for monitoring shall be conducted at the locations of the following UST equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas (e.g. double-walled piping); mechanical or electronic line leak detectors; and in-tank liquid level probes used for leak detection.
   Note: The UST ID Number is listed on the front of the permit for each UST.

d. **Aboveground Petroleum Storage Act SPCC Plans:** CHSC Division 20, Chapter 6.67 and 40 CFR 112.

e. **Hazardous Waste Generator and Hazardous Waste Onsite Treatment:** CHSC Division 20, Chapter 6.5 and Title 22 CCR, Division 4.5, Chapters 10, 11, 12, 20 and 31.

f. **Uniform Fire Code, Hazardous Materials Management Plans and Inventories:** CHSC Division 12, Part 2, Chapter 1, Article 2, Section 13143.9, CHSC Division 20, Chapter 6.95, Article 1, Section 25509.2, California Fire Code Chapter 27, Section 2701.5.1 and Section 2701.5.2, formerly referred to as UFC Section 80.103.

g. **Unified Program Forms and Electronic Reporting:** CHSC Division 20, Chapter 6.11, Section 25404(e)(4) and Title 27 CCR.

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

EP: AP:2 AR:0.00

VULCAN MATERIALS WESTERN DIVISION
500 N. BRAND AVE, STE 500
GLENDALE, CA 91203

This Unified Permit is hereby issued to:
VULCAN MATERIALS WESTERN DIVISION
2350 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0007904 for a period not to exceed one year from effective date.

Effective Date: 9/1/2012 **Expiration Date: 8/31/2013**

Permit Number	Program Element	Related ID
PT0013814	4221 HAZMAT HANDLER 0-10 EMPLOYEES	PR0012216
PT0024492	4420 SPECIAL GENERATOR	PR0032351

Permitted by:
San Bernardino County Fire Protection District
Hazardous Materials Division
620 South "E" Street
San Bernardino, CA 92415-0153
(909) 386-8401

Mark A. Hartwig, Fire Chief

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT. THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

PERMIT CONDITIONS

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b. **California Accidental Release Prevention Program (CalARP):** CHSC Division 20, Chapter 6.95, Article 2 and Title 19 CCR.

c. **Underground Storage Tanks (USTs):** CHSC Division 20, Chapters 6.5, 6.7, 6.75, and Title 23 CCR, Chapters 16 & 18.

   (1) Monitoring, Response and Plot Plans shall be approved by the San Bernardino County CUPA.

   (2) The owner and operator are subject to all applicable requirements of Chapter 6.7 and 6.75 of the CHSC and the applicable regulations.

   (3) This permit and permit conditions including the Monitoring, Response and Plot Plans shall be maintained on site.

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e. **Hazardous Waste Generator and Hazardous Waste Onsite Treatment:** CHSC Division 20, Chapter 6.5 and Title 22 CCR, Division 4.5, Chapters 10, 11, 12, 20 and 31.

f. **Uniform Fire Code, Hazardous Materials Management Plans and Inventories:** CHSC Division 12, Part 2, Chapter 1, Article 2, Section 13143.9, CHSC Division 20, Chapter 6.95, Article 1, Section 25509.2, California Fire Code Chapter 27, Section 2701.5.1 and Section 2701.5.2, formerly referred to as UFC Section 80.103.

g. **Unified Program Forms and Electronic Reporting:** CHSC Division 20, Chapter 6.11, Section 25404(e)(4) and Title 27 CCR.

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

AP:2 AR:0.00

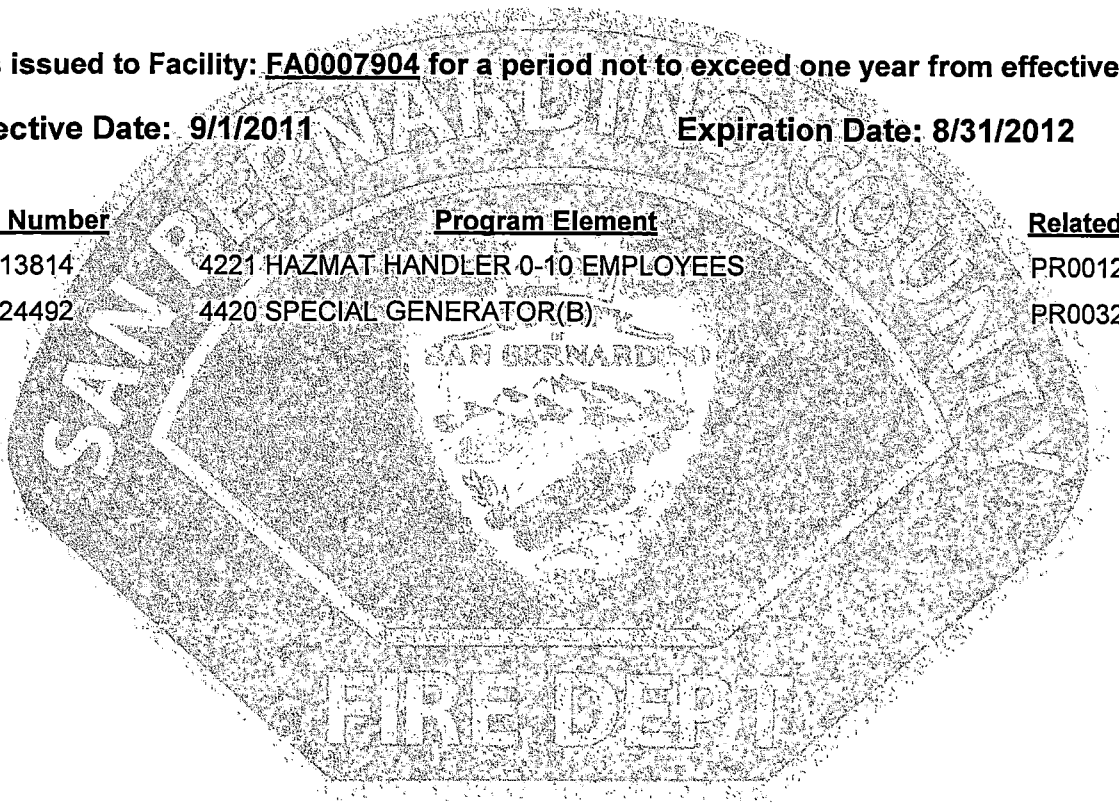
ATTN : JOHN SPEARS
VULCAN MATERIALS WESTERN DIVISION
3200 SAN FERNANDO RD
LOS ANGELES, CA 90065

This Unified Permit is hereby issued to:
VULCAN MATERIALS WESTERN DIVISION
2350 W HIGHLAND
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0007904 for a period not to exceed one year from effective date.

Effective Date: 9/1/2011 **Expiration Date: 8/31/2012**

Permit Number	Program Element	Related ID
PT0013814	4221 HAZMAT HANDLER 0-10 EMPLOYEES	PR0012216
PT0024492	4420 SPECIAL GENERATOR(B)	PR0032351



Mark A. Hartwig, Fire Chief

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY
UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT.
THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

AP:3 AR:0.00

ATTN : DARYL CHARLSON
VULCAN MATERIALS WESTERN DIVISION
3200 SAN FERNANDO RD
LOS ANGELES, CA 90065

This Unified Permit is hereby issued to:
VULCAN MATERIALS WESTERN DIVISION
2350 W HIGHLAND
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0007904 for a period not to exceed one year from effective date.

Effective Date: 9/1/2010 Expiration Date: 8/31/2011

Permit Number	Program Element	Related ID
PT0013814	4221 HAZMAT HANDLER 0-10 EMPLOYEES	PR0012216

SAN BERNARDINO COUNTY FIRE DEPT

Danny R. Wurl

Dan Wurl, Fire Chief

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b. **California Accidental Release Prevention Program (CalARP):** CHSC Division 20, Chapter 6.95, Article 2 and Title 19 CCR.

c. **Underground Storage Tanks (USTs):** CHSC Division 20, Chapters 6.5, 6.7, 6.75, and Title 23 CCR, Chapters 16 & 18.

   (1) Monitoring, Response and Plot Plans shall be approved by the San Bernardino County CUPA.

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   Note: The UST ID Number is listed on the front of the permit for each UST.

d. **Aboveground Petroleum Storage Act SPCC Plans:** CHSC Division 20, Chapter 6.67 and 40 CFR 112.

e. **Hazardous Waste Generator and Hazardous Waste Onsite Treatment:** CHSC Division 20, Chapter 6.5 and Title 22 CCR, Division 4.5, Chapters 10, 11, 12, 20 and 31.

f. **Uniform Fire Code, Hazardous Materials Management Plans and Inventories:** CHSC Division 12, Part 2, Chapter 1, Article 2, Section 13143.9, CHSC Division 20, Chapter 6.95, Article 1, Section 25509.2, California Fire Code Chapter 27, Section 2701.5.1 and Section 2701.5.2, formerly referred to as UFC Section 80.103.

g. **Unified Program Forms and Electronic Reporting:** CHSC Division 20, Chapter 6.11, Section 25404(e)(4) and Title 27 CCR.

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

AP:3 AR:0.00

ATTN : DARYL CHARLSON
VULCAN MATERIALS WESTERN DIVISION
3200 SAN FERNANDO RD
LOS ANGELES, CA 90065

This Unified Permit is hereby issued to:
VULCAN MATERIALS WESTERN DIVISION
2350 W HIGHLAND
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0007904 for a period not to exceed one year from effective date.

Effective Date: 9/1/2009 **Expiration Date: 8/31/2010**

Permit Number	Program Element	Related ID
PT0013814	4221 HAZMAT HANDLER 0-10 EMPLOYEES	PR0012216
PT0013815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0002684

Monitoring or programming for monitoring shall be conducted at the locations of the following UST equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas (e.g. double-walled piping); mechanical or electronic line leak detectors; and in-tank liquid level probes used for leak detection.

Pat A. Dennen, Fire Chief/Fire Warden

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY
UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT.
THIS FORM MUST BE DISPLAYED CONSPICUOUSLY ON THE PREMISES.

COUNTY OF SAN BERNARDINO
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

ATTN : DARYL CHARLSON
VULCAN MATERIALS WESTERN DIVISION
2350 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

This Unified Permit is hereby issued to:
VULCAN MATERIALS WESTERN DIVISION
2350 W HIGHLAND
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0007904 for a period not to exceed one year from effective date.

Effective Date: 9/1/2007 Expiration Date: 8/31/2008

Permit Number	Program Element	Related ID
PT0013814	4221 HAZMAT HANDLER 0-10 EMPLOYEES	PR0012216
PT0013815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0002684

Pat A. Dennen, Fire Chief/Fire Warden

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COUNTY OF SAN BERNARDINO
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

ATTN : DARYL CHARLSON
CAL MAT
2350 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

This Unified Permit is hereby issued to:
CAL MAT
2350 W HIGHLAND
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0007904 for a period not to exceed one year from effective date.

Effective Date: 9/1/2006 **Expiration Date: 8/31/2007**

Permit Number	Program Element	Related ID
PT0013814	4221 HAZMAT HANDLER 0-10 EMPLOYEES	PR0012216
PT0013815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST)	TA0002684

SAN BERNARDINO COUNTY FIRE DEPARTMENT 1853

Peter R. Hills, Fire Chief/Fire Warden

THIS PERMIT IS NOT TRANSFERABLE AND IS ISSUED CONDITIONALLY
UPON ADHERENCE TO THE REQUIREMENTS LISTED ON THE BACK OF THIS PERMIT.
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COUNTY OF SAN BERNARDINO
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

ATTN : DARYL CHARLSON
CAL MAT
2350 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

This Unified Permit is hereby issued to:
CAL MAT
2350 W HIGHLAND
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0007904 for a period not to exceed one year from effective date.

Effective Date: 9/1/2005 **Expiration Date: 8/31/2006**

Permit Number	Program Element	Related ID
PT0013814	4221 HAZMAT HANDLER 0-10 EMPLOYEES	PR0012216
PT0013815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0002684

SAN BERNARDINO COUNTY FIRE DEPARTMENT

Peter R. Hills, Fire Chief/Fire Warden

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COUNTY OF SAN BERNARDINO
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

ATTN : DARYL CHARLSON
CAL MAT
2350 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

This Unified Permit is hereby issued to:
CAL MAT
2350 W HIGHLAND
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0007904 for a period not to exceed one year from effective date.

Effective Date: 9/1/2004 **Expiration Date: 8/31/2005**

Permit Number	Program Element	Related ID
PT0013814	4260 HAZMAT HANDLER - UST ONLY	PR0012216
PT0013815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0002684

Peter R. Hills

Peter R. Hills, Fire Chief/Fire Warden

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PERMIT CONDITIONS

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b. **California Accidental Release Prevention Program (CalARP):** CHSC Division 20, Chapter 6.95, Article 2 and Title 19 CCR.

c. **Underground Storage Tanks (USTs):** CHSC Division 20, Chapters 6.5 & 6.7 and Title 23 CCR, Chapters 16 & 18.

   (1) Monitoring, Response and Plot Plans shall be approved by the San Bernardino County CUPA.
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d. **Aboveground Petroleum Storage Act SPCC Plans**: CHSC Division 20, Chapter 6.67 and 40 CFR 112.

e. **Hazardous Waste Generator and Hazardous Waste Onsite Treatment**: CHSC Division 20, Chapter 6.5 and Title 22 CCR, Division 4.5, Chapters 10, 11, 12, 20 and 31.

f. **Uniform Fire Code, Hazardous Materials Management Plans and Inventories**: CHSC Division 12, Part 2, Chapter 1, Article 2, §13143.9 and UFC §80.103.

COUNTY OF SAN BERNARDINO
CERTIFIED UNIFIED PROGRAM AGENCY
ANNUAL PERMIT

ATTN : PETER CHIU
CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051-9005

This Unified Permit is hereby issued to:
0350
VULCAN MATERIALS
2400 W HIGHLAND
SAN BERNARDINO, CA 92407

Permit is issued to Facility: FA0007904 for a period not to exceed one year from effective date.

Effective Date: 9/1/2003 Expiration Date: 8/31/2004

Permit Number	Program Element	Related ID
PT0013814	4260 HAZMAT HANDLER - UST ONLY	PR0012216
PT0013815	4104 UST OWNERSHIP/OPERATING PERMIT (PER UST	TA0002684

Peter R. Hills

Peter R. Hills, Fire Chief/Fire Warden

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f. **Uniform Fire Code Hazardous Materials Management Plans and Inventories**: CHSC Division 13, Chapter 4 and Title 24 CCR §80.103

SAN BERNARDINO COUNTY CUPA
FACILITY INFORMATION

0005701

☒ Update/Assign PEs ☐ Referral to Team CERS ☐ Closure ☐ Invoice Reversal ☐ Demand Bill
☐ Update Non-CERS Fields ☐ 0202 ☒ Other CB RE-ACTIVATE ☐ 5054 Attached

OWNER INFORMATION — **OWNER ID: OW0003269**

NAME: Calmat Co. dba Vulcan Materials Co.

ADDRESS: 500 N. Brand Blvd., Suite 500 ADDRESS 2:

CITY: Glendale STATE: CA ZIP CODE: 91203 COUNTRY: US

PHONE: 818-553-8938 EXT: FYI LAST UPDATED: 07/01/2019

FACILITY INFORMATION — **FACILITY ID: FA0007904**

BUSINESS NAME: VULCAN MATERIALS WESTERN DIVISION CERS ID:10047694

SITE ADDRESS: 2350 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 FAX: 323-312-9960

BUSINESS PHONE: 909-875-1150 EXT:

BUSINESS OPERATOR NAME: Calmat Co. dba Vulcan Materials, San Bernardino Asphalt facility

OPERATOR PHONE: 909-875-5180 EXT: FYI LAST UPDATED: 03/21/2019

FACILITY MAILING ADDRESS

MAILING ADDRESS: 500 N. Brand Blvd. Suite 500 ADDRESS 2:

CITY: Glendale STATE: CA ZIP CODE: 91203 COUNTRY: USA

BILLING CONTACT — **ACCOUNT ID: AR0008313**

BILLING CONTACT NAME: John Janke

ADDRESS 1: 500 N. Brand Blvd, Suite 500 ADDRESS 2:

CITY: Glendale STATE: CA ZIP CODE: 91203 COUNTRY: US

PHONE: 323-312-9960 EXT: EMAIL: jankej@vmcmail.com

ENVIRONMENTAL CONTACT

NAME: John Janke PHONE: 323-312-9960 EXT:

EMAIL: jankej@vmcmail.com

NON-CERS INFORMATION

FACILITY EMAIL (OPTIONAL): TJOHNC@VMCMAIL.COM; SPEARSJ@VMCMAIL.COM; MILLERM@VMCMAIL.COM

LOCAL FACILITY PHONE (OPTIONAL): EXT:

CENSUS: MILITARY SCHOOL MEDICAL * BUSINESS CODE: CORPORATION * BUSINESS TYPE: OTHER

* SUPERVISORIAL DISTRICT: 005 * INSPECTION DISTRICT: 07 * FIRE JURISDICTION: SAN BDNO CITY FIRE

FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI ANNIVERSARY DATE: 08/31/2003 FYI LAST BILLING: 07/16/2018

FYI EXEMPT FROM BILLING: NO FYI TOTAL DUE: 0.00

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Motor Vehicle Fuel, 02-Fuel Distributor, 03-Farm, 04-Processor, 06-Other

FOR OFFICE USE ONLY:

☐ EC Entry Complete	☐ QC Complete	N/A ☐ ☐ Fiscal Entry Complete	N/A ☐ ☐ Referral to Team CERS
JUL 12 2019 VB			
Date Initials	Date Initials	Date Initials	Date Initials

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

5012-CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0037874	ACTIVE	4031-APSA 1,320-10,000 GAL FAC C/	09/01/2018	08/31/2019
	PERMIT NUMBER	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
			PR0049071	ACTIVE, BILLABLE	
			GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0013814	ACTIVE	4243-HAZARDOUS MATERIALS 4-10 (	09/01/2018	08/31/2019
	PERMIT NUMBER	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
			PR0012216	ACTIVE, BILLABLE	
			GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.
☒ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0024492	INACTIVE	4453-SMALL QUANTITY GENERATOR	09/01/2017	08/31/2018
	PERMIT NUMBER	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
	RE-ACTIVATE		PR0032351	INACTIVE, NON-BILLABLE	
			GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.

Underground Storage Tank(s)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0013815	INACTIVE	4104-REGULAR UST ANNUAL INSPE(	09/01/2009	08/31/2010
	PERMIT NUMBER	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0012215	INACTIVE, NON-BILLABLE		TA0002684	INACTIVE, NON-BILLABLE	
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		GHP OR UST ID	CURRENT STATUS(BILLING)	UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE

*NEW CUPA Admin P.E.

NUMBER OF ACTIVE UST'S 0

DATE SUBMITTED: 7/12/19 SUBMITTED BY: J.NGUYEN

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

PER CERS SUBMITTAL DATED 2/12/19, FACILITY IS REPORTING BUSINESS ACTIVITY IS GENERATING HAZARDOUS WASTE.

RE-ACTIVATE PE4453 (SMALL QUANTITY GENERATOR)

BILL DURING NORMAL CYCLE.

FOR FISCAL USE ONLY: Fiscal comments / remarks / instruction area (for use between OFM Fiscal and Admin Fiscal)

☐ 5050 scanned and emailed to Fiscal Date Initials

☐ 5054 scanned and emailed to Fiscal Date Initials

SAN BERNARDINO COUNTY CUP
FACILITY INFORMATION

0005701

☒ Update/Assign PEs ☐ Referral to Team CERS ☐ Closure ☐ Invoice Reversal ☐ Demand Bill
☐ Update Non-CERS Fields ☐ 0202 ☐ Other ☐ 5054 Attached

OWNER INFORMATION — **OWNER ID: OW0003269**

NAME: **Calmat Co. dba Vulcan Materials Co.**
ADDRESS: **500 N. Brand Blvd. Suite 500** ADDRESS 2:
CITY: **Glendale, CA** STATE: **CA** ZIP CODE: **91203** COUNTRY: **US**
PHONE: **818-553-8938** EXT: FYI LAST UPDATED: **09/13/2017**

FACILITY INFORMATION — **FACILITY ID: FA0007904**

BUSINESS NAME: **VULCAN MATERIALS WESTERN DIVISION** CERS ID: **10047694**
SITE ADDRESS: **2350 W HIGHLAND AVE** ADDRESS 2:
CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** FAX: **323-312-9960**
BUSINESS PHONE: **909-875-1150** EXT:
BUSINESS OPERATOR NAME: **Calmat Co. dba Vulcan Materials, San Bernardino Asphalt facility**
OPERATOR PHONE: **909-875-5180** EXT: FYI LAST UPDATED: **10/16/2017**

FACILITY MAILING ADDRESS

MAILING ADDRESS: **500 N. Brand Blvd. Suite 500** ADDRESS 2:
CITY: **Glendale** STATE: **CA** ZIP CODE: **91203** COUNTRY: **USA**

BILLING CONTACT — **ACCOUNT ID: AR0008313**

BILLING CONTACT NAME: **John Janke**
ADDRESS 1: **7220 Trade Street Suite 200** ADDRESS 2:
CITY: **San Diego** STATE: **CA** ZIP CODE: **92121** COUNTRY: **US**
PHONE: **323-312-9960** EXT: EMAIL: **jankej@vmcmail.com**

ENVIRONMENTAL CONTACT

NAME: **John Janke** PHONE: **323-312-9960** EXT:
EMAIL: **jankej@vmcmail.com**

NON-CERS INFORMATION

FACILITY EMAIL (OPTIONAL): **TJOHNC@VMCMAIL.COM; SPEARSJ@VMCMAIL.COM; MILLERM@VMCMAIL.COM**
LOCAL FACILITY PHONE (OPTIONAL): EXT:
CENSUS: MILITARY SCHOOL MEDICAL BUSINESS CODE: **CORPORATION** BUSINESS TYPE: **OTHER**
SUPERVISORIAL DISTRICT: **005** INSPECTION DISTRICT: **07** FIRE JURISDICTION: **SAN BDNO CITY FIRE**
FYI ACCOUNT STATUS: **ACTIVE ACCOUNT** FYI ANNIVERSARY DATE: **08/31/2003** FYI LAST BILLING: **07/17/2017**
FYI EXEMPT FROM BILLING: **NO** FYI TOTAL DUE: **0.00**

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

FOR OFFICE USE ONLY:

☐ EC Entry Complete	☐ QC Complete	N/A ☐ ☐ Fiscal Entry Complete	N/A ☐ ☐ Referral to Team CERS
OCT 27 2017 / Date / Initials	Date / Initials	Date / Initials	Date / Initials

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

5012-CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2

☒ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0037874 (PERMIT NUMBER)	FEE EXEMPT (PERMIT STATUS)	4000-AST GENERAL ACTIVITY (I (ORIGINAL P.E.)	09/01/2017 (EFFECTIVE DATE)	08/31/2018 (EXPIRATION DATE)
			PR0049071 (GHP OR UST ID)	ACTIVE, EXEMPT FROM (CURRENT STATUS(BILLING))	4031 (UPDATED P.E.)
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0013814 (PERMIT NUMBER)	ACTIVE (PERMIT STATUS)	4243-HAZARDOUS MATERIALS ((ORIGINAL P.E.)	09/01/2017 (EFFECTIVE DATE)	08/31/2018 (EXPIRATION DATE)
			PR0012216 (GHP OR UST ID)	ACTIVE, BILLABLE (CURRENT STATUS(BILLING))	(UPDATED P.E.)
☐ UPDATE ☒ INACTIVATE ☐ ZERO OUT BALANCE	PT0024492 (PERMIT NUMBER)	ACTIVE (PERMIT STATUS)	4453-SMALL QUANTITY GENER/ (ORIGINAL P.E.)	09/01/2017 (EFFECTIVE DATE)	08/31/2018 (EXPIRATION DATE)
			PR0032351 (GHP OR UST ID)	ACTIVE, BILLABLE (CURRENT STATUS(BILLING))	(UPDATED P.E.)

Underground Storage Tank(s)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0013815 (PERMIT NUMBER)	INACTIVE (PERMIT STATUS)	4104-UST OWNERSHIP/OPERAT (ORIGINAL P.E.)	09/01/2009 (EFFECTIVE DATE)	08/31/2010 (EXPIRATION DATE)
PR0012215 (GHP FOR UST(PH))	INACTIVE, NON-BILLABLE (CURRENT STATUS FOR UST(PH))		TA0002684 (GHP OR UST ID)	INACTIVE, NON-BILLAB (CURRENT STATUS(BILLING))	(UPDATED P.E.)

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE

*NEW CUPA Admin P.E.

NUMBER OF ACTIVE UST'S **0**

DATE SUBMITTED: 10/26/17 SUBMITTED BY: M. BECHEL

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

PER INSPECTION ON 10/26/17, FACILITY NO LONGER GENERATES HAZARDOUS WASTE. INACTIVATE PE 4453. THIS FACILITY OPERATES A 10,000 gal CUTBACK OIL TANK WHICH IS SUBJECT TO APSA. UPDATE PE 4000 TO ACTIVE PE 4031. BILL NEXT CYCLE.

FOR FISCAL USE ONLY: Fiscal comments / remarks / instruction area (for use between OFM Fiscal and Admin Fiscal)

☐ 5050 scanned and emailed to Fiscal Date Initials

☐ 5054 scanned and emailed to Fiscal Date Initials

HAZARDOUS MATERIAL FIELD SERVICES
COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

Fiscal
COMPLETED
PBC

☐ Quick Submit-Correct minor information without full verification.

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A ADD PE 4270

CURRENT INVOICE MAILING CODE: F

SBCO FIRE DEPT FISCAL
2011 AUG -4 A 11:32

O- OWNER INFORMATION — OWNER ID: OW0003269

Legal Owner

*NAME: VULCAN MATERIALS

*ADDRESS 1: PO BOX 380607 RD ADDRESS 2:

*CITY: BIRMINGHAM *STATE: AL *ZIP CODE: 35238-0607 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 01/31/2011

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: PAYMENT SVCS CENTER DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: PO BOX 380607 RD ADDRESS 2:

CITY: BIRMINGHAM STATE: AL ZIP CODE: 35238-0607 COUNTRY: USA

F- FACILITY INFORMATION — FACILITY ID: FA0001676

*NAME: VULCAN MATERIALS WEST DIVISION #2 CERS ID: 10036714

*ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

*PHONE: 909-875-1150 EXT: ALT PHONE: 323-258-2777 EXT: 3251 FAX: 323-258-3289

CENSUS: MILITARY SCHOOL MEDICAL *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07 NUMBER OF EMP.: ~~42~~ 29

FIRE JURISDICTION: SAN BDNO CITY FIRE SIC CODE: Construction Sand and Gravel

*BUSINESS CODE: *BUSINESS TYPE: FYI LAST UPDATED: 04/20/2011

FACILITY MAILING ADDRESS

☐ Same as Facility
☐ Same as Owner Mailing Address

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: ~~MATT BRANSTETTER~~ Scott Bevan

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

No Charge
*EMAIL: ~~STJOHNC@VMCMAIL.COM~~; BEVANS@VMCMAIL.COM ☐ NO EMAIL (insert comment 3899 with "NO EMAIL-Inspector Name)

A- A/R INFORMATION — ACCOUNT ID: AR0001676

RESPONSIBLE PARTY: ☐ Same as Owner Mailing Address ☐ Same as Facility Mailing Address

CARE OF:

ADDRESS 1: ADDRESS 2:

CITY: STATE: ZIP CODE: COUNTRY:

PHONE: EXT: ALT PHONE: EXT:

ALT PHONE 2: EXT: FYI EXEMPT FROM BILLING: NO FYI LAST UPDATED: 07/05/2011

FYI ANNIVERSARY DATE: 10/31/2002 FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI TOTAL DUE: 0.00

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0020774 PERMIT NUMBER.	:TIVE PERMIT STATUS	4031-APSA 1,320-10,000 GAL ORIGINAL P.E.	11/01/2009 EFFECTIVE DATE	10/31/2010 EXPIRATION DATE
			PR0020026 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002283 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4223-HAZMAT HANDLER 26-50 E ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
			PR0002527 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0002284 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4420-SPECIAL GENERATOR(B) ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
			PR0002528 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.

Underground Storage Tank(s)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011813 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001692 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011814 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001693 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011815 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001694 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0011816 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	11/01/2010 EFFECTIVE DATE	10/31/2011 EXPIRATION DATE
PR0002529 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		TA0001695 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	UPDATED P.E.

ADD NEW P.E.	4270 NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
	PR373891 NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF ACTIVE UST'S 4

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes No

*Should this facility be inactivated upon verification that there is no balance due? Yes No

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes No

*Does this 5050 have attached documents? Yes No

*DATE SUBMITTED: 6/14/11 DATE ENTERED: ENTERED JUL 18 2011 FISCAL ENTRY DATE/ INITIAL: 7/19/11 (RM)

*SUBMITTED BY: M. Bechel ENTERED BY: *Demand bill for updated PEs: Yes No

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

ADD PE 4270

Per Inspection Verification

Change Employee # to 29

SBCO FIRE DEPT FISCAL 2011 JUL 26 P 1:32

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

H ARDOUS MATERIAL FIELD SEI CES
COMPUTER DATABASE UPDATE AUTHORIZA ION (5050 Form)

Bill

☐ Quick Submit-Correct minor information without full verification.

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A

CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION

OWNER ID: OW0003269

Owner Info

Legal Owner

*NAME: ~~VULCAN MATERIALS~~ Cal Mat Co. - DBA Vulcan Materials, Western Division

*ADDRESS 1: PO BOX 380607 RD ADDRESS 2:

*CITY: BIRMINGHAM *STATE: AL *ZIP CODE: 35238-0607 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 01/31/2011

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: PAYMENT SVCS CENTER DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: PO BOX 380607 RD ADDRESS 2:

CITY: BIRMINGHAM STATE: AL ZIP CODE: 35238-0607 COUNTRY: USA

F- FACILITY INFORMATION

FACILITY ID: FA0007904

*NAME: VULCAN MATERIALS WESTERN DIVISION CERS ID: 10047694

*ADDRESS 1: 2350 W HIGHLAND ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

*PHONE: 909-875-1150 EXT: ALT PHONE: 323-258-2777 EXT: FAX: 323-258-3289

CENSUS: MILITARY SCHOOL MEDICAL *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07 NUMBER OF EMP.: 4

FIRE JURISDICTION: SAN BDNO CITY FIRE SIC CODE: Asphalt Paving Mixtures and Blocks

*BUSINESS CODE: CORPORATION *BUSINESS TYPE: OTHER FYI LAST UPDATED: 09/15/2011

FACILITY MAILING ADDRESS

☐ Same as Facility ☐ Same as Owner Mailing Address

BUSINESS NAME: VULCAN MATERIALS WESTERN DIVISION

CARE OF: JOHN SPEARS

ADDRESS 1: 3200 SAN FERNANDO RD ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90065 COUNTRY: USA

*EMAIL: TJOHNC@VMCMAIL.COM; SPEARSJ@VMCMAIL.COM; MI[illegible]ERM@VMCMAIL.COM ☐ NO EMAIL (insert comment 3899 with "NO EMAIL-Inspector Name)

A- A/R INFORMATION

ACCOUNT ID: AR0008313

RESPONSIBLE PARTY: VULCAN MATERIALS CO ☐ Same as Owner Mailing Address ☐ Same as Facility Mailing Address

CARE OF:

ADDRESS 1: 7220 TRADE ST #200 ADDRESS 2:

CITY: SAN DIEGO STATE: CA ZIP CODE: 92121 COUNTRY: USA

PHONE: EXT: ALT PHONE: EXT:

ALT PHONE 2: EXT: FYI EXEMPT FROM BILLING: NO FYI LAST UPDATED: 09/06/2011

FYI ANNIVERSARY DATE: 08/31/2003 FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI TOTAL DUE: 0.00

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0013814 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4221-HAZMAT HANDLER 0 ORIGINAL P.E.	09/01/2011 EFFECTIVE DATE	08/31/2012 EXPIRATION DATE
		PR0012216 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.
☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0024492 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4420-SPECIAL GENERATOR(B) ORIGINAL P.E.	09/01/2011 EFFECTIVE DATE	08/31/2012 EXPIRATION DATE
		PR0032351 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)		UPDATED P.E.

Underground Storage Tank(s)

☐UPDATE ☐INACTIVATE ☐ZERO OUT BALANCE	PT0013815 PERMIT NUMBER.	INACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	09/01/2009 EFFECTIVE DATE	08/31/2010 EXPIRATION DATE
PR0012215 GHP FOR UST(PH)	INACTIVE, NON-BILLABLE CURRENT STATUS FOR UST(PH)		TA0002684 GHP OR UST ID	INACTIVE, NON-BILLAB CURRENT STATUS(BILLING)	UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF ACTIVE UST'S 0

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes No

*Should this facility be inactivated upon verification that there is no balance due? Yes No

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes No

*Does this 5050 have attached documents? Yes No

*DATE SUBMITTED: 9/27/11 DATE ENTERED: ENTERED FISCAL ENTRY DATE/ INITIAL:

*SUBMITTED BY: J Wong ENTERED BY: SEP 27 2011 ***Demand bill for updated PEs**: Yes No

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

Update owner name, this is not a change of ownership

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

HAZARDOUS MATERIAL FIELD SERVICES

Fiscal

COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

☐ Quick Submit-Correct minor information without full verification.

ADD PE 4430

RBC

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A

CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION

OWNER ID: OW0003269

Legal Owner

Completed

*NAME: VULCAN MATERIALS

*ADDRESS 1: PO BOX 380607 RD ADDRESS 2:

*CITY: BIRMINGHAM *STATE: AL *ZIP CODE: 35238-0607 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 01/31/2011

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: PAYMENT SVCS CENTER DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: PO BOX 380607 RD ADDRESS 2:

CITY: BIRMINGHAM STATE: AL ZIP CODE: 35238-0607 COUNTRY: USA

F- FACILITY INFORMATION

FACILITY ID: FA0007904

*NAME: VULCAN MATERIALS WESTERN DIVISION CERS ID: 10047694

*ADDRESS 1: 2350 W HIGHLAND ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

*PHONE: 909-875-1150 EXT: ALT PHONE: 323-258-2777 EXT: FAX: 323-258-3289

CENSUS: MILITARY SCHOOL MEDICAL *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07 NUMBER OF EMP.: 4

FIRE JURISDICTION: SAN BDNO CITY FIRE SIC CODE: Asphalt Paving Mixtures and Blocks

*BUSINESS CODE: CORPORATION *BUSINESS TYPE: OTHER FYI LAST UPDATED: 04/18/2011

FACILITY MAILING ADDRESS

☐ Same as Facility

☐ Same as Owner Mailing Address

BUSINESS NAME: VULCAN MATERIALS WESTERN DIVISION

CARE OF: DARYL CHARLSON John Spears

ADDRESS 1: 3200 SAN FERNANDO RD ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90065 COUNTRY: USA

*EMAIL: STJOHNC@VMCMAIL.COM SpearsJ@VMCMAIL.COM ☐ NO EMAIL (insert comment 3899 with "NO EMAIL-Inspector Name)

A- A/R INFORMATION

ACCOUNT ID: AR0008313

RESPONSIBLE PARTY: VULCAN MATERIALS CO ☐ Same as Owner Mailing Address ☐ Same as Facility Mailing Address

CARE OF:

ADDRESS 1: 7220 TRADE ST #200 ADDRESS 2:

CITY: SAN DIEGO STATE: CA ZIP CODE: 92121 COUNTRY: USA

PHONE: EXT: ALT PHONE: EXT:

ALT PHONE 2: EXT: FYI EXEMPT FROM BILLING: NO FYI LAST UPDATED: 07/05/2011

FYI ANNIVERSARY DATE: 08/31/2003 FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI TOTAL DUE: 0.00

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0013814 PERMIT NUMBER.	TIVE PERMIT STATUS	4221-HAZMAT HANDLER 0-1(ORIGINAL P.E.	09/01/2010 EFFECTIVE DATE	08/31/2011 EXPIRATION DATE
			PR0012216 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	 UPDATED P.E.

Underground Storage Tank(s)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0013815 PERMIT NUMBER.	INACTIVE PERMIT STATUS	4104-UST OWNERSHIP/OPERAT ORIGINAL P.E.	09/01/2009 EFFECTIVE DATE	08/31/2010 EXPIRATION DATE
PR0012215 GHP FOR UST(PH)	INACTIVE, NON-BILLABLE CURRENT STATUS FOR UST(PH)		TA0002684 GHP OR UST ID	INACTIVE, NON-BILLAB CURRENT STATUS(BILLING)	 UPDATED P.E.

ADD NEW P.E.	4420 NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
	PR352351 NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF ACTIVE UST'S **0**

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes No

*Should this facility be inactivated upon verification that there is no balance due? Yes No

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes No

*Does this 5050 have attached documents? Yes No

*DATE SUBMITTED: 7-14-11 DATE ENTERED: ENTERED FISCAL ENTRY DATE/ INITIAL:

*SUBMITTED BY: M. BECHER ENTERED BY: JUL 18 2011 ***Demand bill for updated PEs**: Yes No

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

ADD PE 4420 Per inspection Verification
SP. Generator

SBCO FIRE DEPT FISCAL
2011 JUL 19 P 1:25

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

HAZARDOUS MATERIAL FIELD SERVICES
COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

☐ Quick Submit-Correct minor information without full verification.

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION — OWNER ID: OW0003269

Legal Owner

*NAME: VULCAN MATERIALS

*ADDRESS 1: 3200 SAN FERNANDO RD ADDRESS 2:

*CITY: LOS ANGELES *STATE: CA *ZIP CODE: 90065 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 10/09/2009

TAX ID: XX-XXX5790 DRIVER LICENSE:

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: JOHN JANKE DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: P O BOX 2950 ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90051-9005 COUNTRY: USA

F- FACILITY INFORMATION — FACILITY ID: FA0007904

*NAME: VULCAN MATERIALS WESTERN DIVISION

*ADDRESS 1: 2350 W HIGHLAND ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

CENSUS: MILITARY SCHOOL MEDICAL *BUSINESS CODE: CORPORATION *BUSINESS TYPE: OTHER

SIC CODE: Asphalt Paving Mixtures and Blocks *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07

*PHONE: 909-875-1150 EXT: FIRE JURISDICTION: SAN BDNO CITY FIRE

ALT PHONE: 323-258-2777 EXT: FAX: 323-258-3289 FYI LAST UPDATED: 06/09/2009

FACILITY MAILING ADDRESS

☐ Same as Facility ☐ Same as Owner Mailing Address

BUSINESS NAME: VULCAN MATERIALS WESTERN DIVISION

CARE OF: DARYL CHARLSON

ADDRESS 1: 3200 SAN FERNANDO RD ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90065 COUNTRY: USA

EMAIL: MILLERM@VMCMAIL.COM

A- A/R INFORMATION — ACCOUNT ID: AR0008313

RESPONSIBLE PARTY: ☐ Same as Owner Mailing Address ☐ Same as Facility Mailing Address

CARE OF:

ADDRESS 1: ADDRESS 2:

CITY: STATE: ZIP CODE: COUNTRY:

PHONE: EXT: TAX ID: XX-XXX5790 DRIVER LICENSE:

ALT PHONE: EXT: FYI EXEMPT FROM BILLING: NO FYI LAST UPDATED: 11/05/2009

ALT PHONE: EXT: FYI TOTAL DUE: 0.00

FYI ANNIVERSARY DATE: 08/31/2003 FYI ACCOUNT STATUS: ACTIVE ACCOUNT

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected to complete all fields on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT001381 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4221 ORIGINAL P.E.	9/01/2009 EFFECTIVE DATE	08/31/2010 EXPIRATION DATE
PR0012216 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	NA GHP FOR UST(PH)	NA CURRENT STATUS FOR UST(PH)		UPDATED P.E.
☐ UPDATE ☒ INACTIVATE ☐ ZERO OUT BALANCE	PT0013815 PERMIT NUMBER.	ACTIVE PERMIT STATUS	4104 ORIGINAL P.E.	09/01/2009 EFFECTIVE DATE	08/31/2010 EXPIRATION DATE
TA0002684 GHP OR UST ID	ACTIVE, BILLABLE CURRENT STATUS(BILLING)	PR0012215 GHP FOR UST(PH)	ACTIVE, EXEMPT FROM BILLING CURRENT STATUS FOR UST(PH)		UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF EMP.: **4** NUMBER OF ACTIVE UST'S **1** MFR #

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes No

*Should this facility be inactivated upon verification that there is no balance due? Yes No

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes No

*Does this 5050 have attached documents? Yes No

*DATE SUBMITTED: 11/18/09 DATE ENTERED: 11/18/09 FISCAL ENTRY DATE/ INITIAL:

*SUBMITTED BY: GBeach ENTERED BY: LLD ***Demand bill for updated PEs**: Yes No

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

Facility is certifying that this is an 'emergency tank' and will not be used to store hazardous material or waste (no fuel)
Inactivate 4104 PE and related
Keep 4221 GB

OPEN VIOLATIONS:

FA0007904

INSPECTION DATE: **9/2/09** VIOLATION ID: **IV0044250** COMPLY BY: **10/02/2009**

INSPECTOR:**CATHERINE RICHARDS** COMPLIED ON:

VIOLATION: 4103314100-Failure to annually certify monitoring system

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected **to complete all fields** on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

HAZ OUS MATERIAL FIELD SERVI S
COMPUTER DATABASE UPDATE AUTHORIZATION

RCD SDD FIRE FISCAL
07 JUL 30 AM 8:07

UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION

OWNER ID: OW0001423

NAME: CAL MAT CO.

ADDRESS 1: 3200 SAN FERNANDO RD ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90051-9005 COUNTRY: USA

PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 909-875-1150 EXT: DRIVER LICENSE:

TAX ID: 95-0645790 LAST UPDATED: 06/29/2005

OWNER MAILING ADDRESS

CARE OF: PETER CHIU DBA: VULCAN MATERIALS

ADDRESS1: PO BOX 2950/TRMNL ANNEX ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90051 COUNTRY: USA

F- FACILITY INFORMATION

FACILITY ID: FA0007904

NAME: VULCAN MATERIALS WESTERN DIVISION

ADDRESS 1: 2350 W HIGHLAND ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407-2407 CITY CODE: SAN BERNARDINO

SIC CODE: Asphalt Paving Mixtures and Blocks BUSINESS CODE: CORPORATION BUSINESS TYPE: OTHER

CENSUS: SUPERVISORIAL DISTRICT: 005 INSPECTION DISTRICT: 07

PHONE: 909-875-5180 EXT: FIRE JURISDICTION: SAN BDNO CITY FIRE

ALT PHONE: EXT: FAX: LAST UPDATED: 07/20/2007

FACILITY MAILING ADDRESS

BUSINESS NAME: VULCAN MATERIALS WESTERN DIVISION

CARE OF: DARYL CHARLSON

ADDRESS 1: 2350 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407-2407 COUNTRY: USA

EMAIL: MILLERM@VMCMAIL.COM

A- A/R INFORMATION

ACCOUNT ID: AR0008313

RESPONSIBLE PARTY:

CARE OF:

ADDRESS 1: ADDRESS 2:

CITY: STATE: ZIP CODE: COUNTRY:

PHONE: EXT: DRIVER LICENSE:

ALT PHONE: EXT: LAST UPDATED: 07/15/2007

ALT PHONE: EXT: EXEMPT FROM BILLING: NO TAX ID:

ANNIVERSARY DATE: 08/31/2003 TOTAL DUE: 939.00 ACCOUNT STATUS: ACTIVE ACCOUNT

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

UPDATE/CLOSE/Z.O.B.	PT00138 (PERMIT NUMBER.)	ACTIVE (PERMIT STATUS)	4221 (ORIGINAL P.E.)	9/01/2006 (EFFECTIVE DATE)	08/31/2007 (EXPIRATION DATE)
PR0012216 (GHP OR UST ID)	ACTIVE, BILLABLE (CURRENT STATUS(BILLING))	NA (GHP FOR UST(PH))	NA (CURRENT STATUS FOR UST(PH))		(UPDATED P.E.)
UPDATE/CLOSE/Z.O.B.	PT0013815 (PERMIT NUMBER.)	ACTIVE (PERMIT STATUS)	4104 (ORIGINAL P.E.)	09/01/2006 (EFFECTIVE DATE)	08/31/2007 (EXPIRATION DATE)
TA0002684 (GHP OR UST ID)	ACTIVE, BILLABLE (CURRENT STATUS(BILLING))	PR0012215 (GHP FOR UST(PH))	ACTIVE, EXEMPT FROM BILLING (CURRENT STATUS FOR UST(PH))		(UPDATED P.E.)

ADD NEW P.E.

(NEW P.E.)	(NEW P.E.)	(NEW P.E.)	(NEW P.E.)	(NEW P.E.)	(NEW P.E.)	(NEW P.E.)
(NEW P.E.)	(NEW P.E.)	(NEW P.E.)	(NEW P.E.)	(NEW P.E.)	(NEW P.E.)	(NEW P.E.)

NUMBER OF EMP: ENTERED NUMBER OF USTS: ENTERED 1 MFR #:

DATE SUBMITTED: JUL 20 2007 DATE ENTERED: JUL 20 2007 FISCAL DATE:

SUBMITTED BY: Jose Cisneros ENTERED BY: JOSE Cisneros

COMMENTS/REMARKS:

Per BP review The name of The Facility was been Changed

Permit Update

HAZARDOUS MATERIAL FIELD SERVICES
COMPUTER DATABASE UPDATE AUTHORIZATION

UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A

CURRENT INVOICE MAILING CODE: O

O- OWNER INFORMATION

OWNER ID: OW0001423

NAME: **CAL MAT CO.**

ADDRESS 1: **3200 SAN FERNANDO RD** ADDRESS 2:

CITY: **LOS ANGELES** STATE: **CA** ZIP CODE: **90051-9005** COUNTRY: **USA**

PHONE: **323-258-2777** EXT: FAX:

ALT PHONE: EXT: DRIVER LICENSE:

TAX ID: **95-0645790** OWNER SWITCH DATE: LAST UPDATED: **3/2/2004**

OWNER MAILING ADDRESS

CARE OF: **PETER CHIU** DBA: **VULCAN MATERIALS**

ADDRESS1: **PO BOX 2950/TRMNL ANNEX** ADDRESS 2:

CITY: **LOS ANGELES** STATE: **CA** ZIP CODE: **90051** COUNTRY: **USA**

F- FACILITY INFORMATION

FACILITY ID: FA0007904

NAME: **CAL MAT** ~~DBA Calmat Asphalt Plant~~ DBA Vulcan Asphalt

ADDRESS 1: **2350 W HIGHLAND** ADDRESS 2:

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407-2407** CITY CODE: **SAN BERNARDINO**

SIC CODE: **Asphalt Paving Mixtures and Blocks** BUSINESS CODE: **CORPORATION** BUSINESS TYPE: **OTHER**

CENSUS: SUPERVISORIAL DISTRICT: **005** INSPECTION DISTRICT: **07**

PHONE: **909-875-5180** EXT: FIRE JURISDICTION: **SAN BDNO CITY FIRE**

ALT PHONE: EXT: FAX: LAST UPDATED: **3/3/2004**

FACILITY MAILING ADDRESS

PAID
DATE: 11/3/04
CK#: 1204455

BUSINESS NAME: **VULCAN MATERIALS**

CARE OF: **DARYL CHARLSON**

ADDRESS 1: **2350 W HIGHLAND AVE** ADDRESS 2:

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407-2407** COUNTRY: **USA**

EMAIL:

A- A/R INFORMATION

ACCOUNT ID: AR0008313

RESPONSIBLE PARTY:

CARE OF:

ADDRESS 1: ADDRESS 2:

CITY: STATE: ZIP CODE: COUNTRY:

PHONE: EXT: DRIVER LICENSE:

ALT PHONE: EXT: LAST UPDATED: **6/4/2004**

ALT PHONE: EXT: TAX ID:

ANNIVERSARY DATE: **8/31/2003** TOTAL DUE: **0.00** ACCOUNT STATUS: **ACTIVE ACCOUNT**

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

UPDATE/CLOSE/Z.O.B.	PT0013	ACTIVE	4260	9/1/2003	8/31/2004
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0012216	ACTIVE, BILLABLE	NA	NA		4221
GHP OR UST ID	CURRENT STATUS(BILLING)	GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		UPDATED P.E.
UPDATE/CLOSE/Z.O.B.	PT0013815	ACTIVE	4104	9/1/2003	8/31/2004
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
TA0002684	ACTIVE, BILLABLE	PR0012215	ACTIVE, EXEMPT FROM BILL		
GHP OR UST ID	CURRENT STATUS(BILLING)	GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)		UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF EMP. 3 NUMBER OF UST'S 1 MFR #

DATE SUBMITTED: 8-27-04 DATE ENTERED: FISCAL DATE:

SUBMITTED BY: Leslee Heaviside ENTERED BY: JDC

COMMENTS/REMARKS:

Per BP review: Pls update Heneller permits & FA Name

Gasco, Ruben

From: Urista, Elizabeth
Sent: Wednesday, September 01, 2004 7:53 AM
To: King, Elizabeth
Cc: Gasco, Ruben; Sampson, Ericka
Subject: RE: Permit print-out FA0007904

NO PROBLEM.

RUBEN PLEASE REPRINT A PERMIT FOR THE BELOW.

Elizabeth A. Urista

Supervising Fiscal Technician II
County Fire/Special Districts
eurista@sdd.sbcounty.gov
909 387-5959

-----Original Message-----
From: King, Elizabeth
Sent: Tuesday, August 31, 2004 4:36 PM
To: Urista, Elizabeth
Subject: Permit print-out FA0007904

Could you please print a duplicate permit for this facility for the facility CUPA file? It can be sent to me here via inter-office.

A correction was made last March to FA0007904 to reflect the correct address of 2350 W. Highland Ave. However, the only permit print-out in the file shows an inaccurate address of 2400 W. Highland. This has created some confusion because there is another FA at that address.

Thank you.

Elizabeth A. King

Environmental Specialist II
San Bernardino County Office of the Fire Marshal www.sbcfire.org
620 S. E St., San Bernardino, CA 92415-0153
(909) 386-8468 (909) 386-8460 fax
eking@fire.sbcounty.gov

King, Elizabeth

From: King, Elizabeth
Sent: Tuesday, August 31, 2004 4:36 PM
To: Urista, Elizabeth
Subject: Permit print-out FA0007904

Could you please print a duplicate permit for this facility for the facility CUPA file? It can be sent to me here via inter-office.

A correction was made last March to FA0007904 to reflect the correct address of 2350 W. Highland Ave. However, the only permit print-out in the file shows an inaccurate address of 2400 W. Highland. This has created some confusion because there is another FA at that address.

Thank you.

Elizabeth A. King

Environmental Specialist II
San Bernardino County Office of the Fire Marshal *www.sbcfire.org*
620 S. E St., San Bernardino, CA 92415-0153
(909) 386-8468 (909) 386-8460 fax
eking@fire.sbcounty.gov

```
+-TP101A-----------------------------------------------------------------+
|                        Tiered Permitting System          Screen 1 of 2 |
|                      Onsite Notifier Information                        |
|  EPA ID: CAD981568579  Initial Date: 032993   Init/Amend/Renew: I  (I/A/R)
|          Amended Date :              Renewal Date:                      |
|  I.      Conditionally Exempt, Small Quantity Treater Units             |
|        1 Conditionally Exempt, Specified Wastestream Units              |
|          Conditionally Authorized Units                                 |
|          Permit by Rule Units                                           |
|          Commercial Laundry                                             |
|          Conditionally Exempt - Limited                                 |
|     Total Fee Attached:           Check No:                             |
|                                                                         |
|  II.   BOE: HYHQ36013101                                               |
|       Company Name: CALMAT CO                                           |
|          Address 1: 2400 W HIGHLAND AVE                                 |
|                  2:                                                     |
|               City: SAN BERNARDINO              CA  ZIP: 92405         |
|             County: SAN BERNARDINO    Region: 4                        |
|      Contact First: RAWLEIGH           Last: TOUGAS                     |
|              Phone: 909/875-1150    Ext:                                |
|    +---------Enter the data and press ENTER to go to screen 2--------+  |
+-F2=Cncl---------F4=Ina--F5=Unit-F6=Hist---------F8=Next-F9=DVal--Entr=Acpt+
4B                Aa              B1--SESSION2   R 4  C 67  o-o01  8:45  6/20/96
```

Closed
6/20/96 B.B.

STATE OF CALIFORNIA—CALIFORNIA ENVIRONMI PROTECTION AGENCY
PETE WILSON, Governor

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
400 P STREET, 4TH FLOOR
P.O. BOX 806
SACRAMENTO, CA 95812-0806

(916) 323-5871

June 20, 1996

EPA ID: CAD981568579

CALMAT CO
RAWLEIGH TOUGAS
PO BOX 2950/TERM ANNEX
LOS ANGELES, CA 90051

For facility located at:
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92405

Dear Onsite Treatment Facility:

The Department of Toxic Substances Control (DTSC) has received your letter notifying DTSC of your closure request to operate under permit by rule, and/or conditional authorization, and/or conditional exemption. We have reviewed your letter and have approved your closure.

DTSC considers your treatment activities to be closed as of 06/19/96 and no longer subject to the conditions of Permit by Rule, Conditional Authorization or Conditional Exemption.

DTSC has revised its database records to reflect your new status and has notified the Board of Equalization of the change.

If you have any questions or need further information, please contact the appropriate regional office or the Tiered Permitting Compliance Section at the letterhead address or phone number.

Sincerely,

Sangat Kals, Chief
Tiered Permitting Compliance Section
State Regulatory Program Division
Hazardous Waste Management Program

cc: SONIA LOW
DTSC REGION 4 OFFICE
SURVEILLANCE & ENFORCEMENT BR.
245 WEST BROADWAY, SUITE 350
LONG BEACH, CA 90802

MR DOUG SNYDER
SAN BERNARDINO COUNTY
ENV HEALTH SERVICES
385 N ARROWHEAD AVE
SAN BERNARDINO, CA 92415-0160

STATE BOARD OF EQUALIZATION
STEPHEN R. RUDD, ADMINISTRATOR
ENVIRONMENTAL FEES DIVISION
P.O. BOX 942879
SACRAMENTO, CA 94279-0001

RECEIVED
MAY 13 1997
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

Printed on Recycled Paper

DTSC Tiered Permitting System
Onsite Profile Report for Facility
CALMAT CO
Report Date: 04/25/97 - 11.25.58

Auth./Reply: 08/31/93 Region: 4 Initial Dte: 03/29/93 Amended Dte:
Renewal Dte: Status: INACTIVE - CLOSURE 06/19/96

Generator ID: CAD981568579 BOE Number: HYHQ36013101
Company Name: CALMAT CO
Physical Location:
Street: 2400 W HIGHLAND AVE

City: SAN BERNARDINO State: CA ZIP: 92405
County: SAN BERNARDINO
Contact: RAWLEIGH TOUGAS --- 909/875-1150

Mailing Address:
Company Name: CALMAT CO
Street: PO BOX 2950/TERM ANNEX

City: LOS ANGELES State: CA ZIP: 90051
Country:
Contact: TONY LUCERO --- 213/258-2777

Notification Categories:
0 Conditionally Exempt-Small Quantity Treatment
1 Conditionally Exempt-Specific Wastestream
0 Conditionally Authorized
0 Conditionally Exempt-Limited
0 Permit by Rule
Commercial Laundry
Total Fee Attached: $ 0 Check #: CID:

SIC Codes:
1: 1442 Construction sand and gravel
2: 0000

U Use/Store/Treat Radioactive Waste or Materials?

Prior Permit Status:
N File PBR Notice of Intent to Operate in 1992 for this location?
N Ever held a state hazardous waste facility full permit or interim status permit for any of these treatment units?
N Ever held a state full permit or interim status for any other hazardous waste activities at this location?
N Ever held a variance issued by DTSC for this location?
Y Been inspected as a hazardous waste generator?

Prior Enforcement History: N

Attachments:
X Plot plan/map detailing location of units
X Unit specific notification for each unit

Certification Information:
Name: TONY J LUCERO Title: DIR/ENV AFFAIRS

Comment Date: 06/20/96 Reason: GENERATED CLOSURE/WITHDRAWAL/DENIAL LTR.
Entered By: TWBBONI Related Unit:
LETTER GENERATED: CLOSURE

Comment Date: 06/20/96 Reason: CLOSURE; CLOSURE LETTER REQUESTED
Entered By: TWBBONI Related Unit:
FACILITY NO LONGER TREATING HAZARDOUS WASTE

Comment Date: 01/17/96 Reason: GENERATED BILLING DATA FOR BOE
Entered By: TWPPREN Related Unit:
ANNUAL BILLING: 01/17/96

Comment Date: 01/10/95 Reason: GENERATED BILLING DATA FOR BOE
Entered By: TWPPREN Related Unit:
ANNUAL BILLING: 01/10/95

Comment Date: 10/07/94 Reason: ARCHIVED NOTIFIER CHECK INFORMATION
Entered By: TWRALLT Related Unit:
FEE: 0000100 CHECK#: 641218 CID: 92-00011

Comment Date: 01/27/94 Reason: GENERATED BILLING DATA FOR BOE
Entered By: TWRALLT Related Unit:
ANNUAL BILLING

Comment Date: 08/31/93 Reason: GENERATED AUTH./REPLY LETTER
Entered By: TWCFISH Related Unit:
LETTER REQUESTED: CA OR CESW ONLY

Comment Date: 08/26/93 Reason: REQUESTED AUTH./REPLY LETTER
Entered By: TWWHAWK Related Unit:

Comment Date: 06/29/93 Reason: ADDED NEW NOTIFIER
Entered By: TWLFREI Related Unit:

Onsite Profile Report for Facility
CALMAT CO
Report Date: 04/25/97 - 11.25.58

Unit Specific Information Unit Type: CESW
Unit ID: #1-SB Name: RECIRCULATING STEAM WASHER
Tanks: 1 Containers: 0 Storage Tanks: 0
Est. Monthly Waste Treated: Pounds: 0 Gallons: 1,000
Est. Monthly Waste Stored: Pounds: 0 Gallons: 0

U Radioactive Waste Treated ?
U Bio_hazard/Infectious/Medical Waste Treated ?
Remotely Generated Hazardous Waste Treated ?

Specific Waste Types Treated:
OIL AND GREASE

Treatment Process(es) Used:
STEAM WASHER-WATER IS RECIRCULATED AND
AND NOT DISCHARGED; OIL IS SKIMMED OFF.

Residual Management:
N Discharge non-hazardous waste to a POTW?
N Discharge non-hazardous waste under a NPDES permit?
Y Hauled offsite by registered hauler?
Where: A (A=Offsite, B=Thermal, C=Land, D=Add'l Treatment)
N Dispose of non-hazardous solid waste offsite?
U Disposal Other:

Basis For Not Needing a Federal Permit:
1: X 2: 3: 4:
5: 6: 7: 8:
9: Other:

Transportable Treatment Unit: N

Wastestream Information:
8B GRAVITY SETTLING-SEPARATION OF OIL/WATER
MIX OR SLUDGES (<25 BARRELS/MONTH)
End of Wastestream data for this unit

End of data for EPA ID: CAD981568579

86008758

STATE OF CALIFORNIA—CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, *Governor*

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
400 P STREET, 4TH FLOOR
P.O. BOX 806
SACRAMENTO, CA 95812-0806

(916) 323-5871

June 20, 1996

EPA ID: CAD981568579

CALMAT CO
RAWLEIGH TOUGAS
PO BOX 2950/TERM ANNEX
LOS ANGELES, CA 90051

For facility located at:
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92405

Dear Onsite Treatment Facility:

The Department of Toxic Substances Control (DTSC) has received your letter notifying DTSC of your closure request to operate under permit by rule, and/or conditional authorization, and/or conditional exemption. We have reviewed your letter and have approved your closure.

DTSC considers your treatment activities to be closed as of 06/19/96 and no longer subject to the conditions of Permit by Rule, Conditional Authorization or Conditional Exemption.

DTSC has revised its database records to reflect your new status and has notified the Board of Equalization of the change.

If you have any questions or need further information, please contact the appropriate regional office or the Tiered Permitting Compliance Section at the letterhead address or phone number.

Sincerely,

Sangat Kals, Chief
Tiered Permitting Compliance Section
State Regulatory Program Division
Hazardous Waste Management Program

cc: SONIA LOW
DTSC REGION 4 OFFICE
SURVEILLANCE & ENFORCEMENT BR.
245 WEST BROADWAY, SUITE 350
LONG BEACH, CA 90802

MR DOUG SNYDER
SAN BERNARDINO COUNTY
ENV HEALTH SERVICES
385 N ARROWHEAD AVE
SAN BERNARDINO, CA 92415-0160

STATE BOARD OF EQUALIZATION
STEPHEN R. RUDD, ADMINISTRATOR
ENVIRONMENTAL FEES DIVISION
P.O. BOX 942879
SACRAMENTO, CA 94279-0001

Printed on Recycled Paper

E-14
STATE OF CALIFORNIA
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF TOXIC SUBSTANCES CONTROL
400 P STREET, 4TH FLOOR
P.O. BOX 806
SACRAMENTO, CA 95812-0806

ENVIRONMENTAL
HEALTH SERVICES
96 JUL -3 PM 2:42
PRESORTE
FIRST CLAS



DOUG SNYDER
SAN BERNARDINO COUNTY
ENVIROMENTAL HEALTH SERVICES
ENVIROMENTAL MANAGEMENT GRP
385 NORTH ARROWHEAD DR
SAN BERANRDINO, CA 92415

Check Number
64218

---Staple Check Here---

ONSITE HAZARDOUS WASTE TREATMENT NOTIFICATION FORM

FACILITY SPECIFIC NOTIFICATION

For Use by Hazardous Waste Generators Performing Treatment Under Conditional Exemption and Conditional Authorization, and by Permit By Rule Facilities

☒ Initial
☐ Revised

Please refer to the attached Instructions before completing this form. You may notify for more than one permitting tier by using this notification form, DTSC 1772. You must attach a separate unit specific notification form for each unit at this location. There are different unit specific notification forms for each of the four categories and an additional notification form for transportable treatment units (TTU's). You only have to submit forms for the tier(s) that cover your unit(s). Discard or recycle the other unused forms. Number each page of your completed notification package and indicate the total number of pages at the top of each page at the 'Page __ of __'. Put your EPA ID Number on each page. Please provide all of the information requested; all fields must be completed except those that state 'if different' or 'if available'. Please type the information provided on this form and any attachments.

*The notification will not be considered complete without payment of the appropriate fee for each tier under which you are operating. (Please note that the fee is per TIER not per UNIT. For example, if you operate 5 units but they are all Conditionally Authorized, you only owe $1,140, **NOT 5 times $1,140**. If you operate any Permit by Rule units and any units under Conditional Authorization you owe $2,280.) Checks should be made payable to the Department of Toxic Substances Control and be stapled to the top of this form. Please write your EPA ID Number on the check. Fill in the check number in the box above.*

I. NOTIFICATION CATEGORIES

Indicate the number of units you operate in each tier. This will also be the number of unit specific notification forms you must attach. ***Conditionally Exempt Small Quantity Treatment operations may not operate units under any other tier.***

Number of units and attached unit specific notifications				Fee per Tier (not per unit)
A.	___	Conditionally Exempt-Small Quantity Treatment	(Form DTSC 1772A)	$ 100
B.	1	Conditionally Exempt-Specified Wastestream	(Form DTSC 1772B)	$ 100
C.	___	Conditionally Authorized	(Form DTSC 1772C)	$1,140
D.	___	Permit by Rule	(Form DTSC 1772D)	$1,140
	====			=========
	1	Total Number of Units		Total Fee Attached $ 100.00

II. GENERATOR IDENTIFICATION

EPA ID NUMBER CA D 9 8 1 5 6 8 5 7 9 BOE NUMBER (if available) HY HQ 3 6 0 1 3 1 0 1

NAME (Company or Facility) CalMat Co.
(DBA–Doing Business As)
PHYSICAL LOCATION 2400 West Highland Avenue

CITY San Bernardino CA ZIP 92405 -

For DTSC Use Only
Region

COUNTY San Bernardino

CONTACT PERSON Rawleigh (First Name) Tougas (Last Name) PHONE NUMBER(909) 875 - 1150

MAILING ADDRESS, IF DIFFERENT:

COMPANY NAME (DBA) CalMat Co.

STREET P.O. Box 2950, Terminal Annex

CITY Los Angeles STATE CA ZIP 90051 -

COUNTRY _____ (only complete if not USA)

CONTACT PERSON TONY (First Name) LUCERO (Last Name) PHONE NUMBER(213) 258-2777 X3229

III. TYPE OF COMPANY: STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE:

Use either one or two SIC codes (a four digit number) that best describe your company's products, services, or industrial activity.

Example: ***7384*** ***Photofinishing lab*** ***3672*** *Printed circuit boards*

First: 1442 construction sand & gravel Second: _____ _____

IV. PRIOR PERMIT STATUS: *Check yes or no to each question:*

YES	NO		
☐	☒	1.	Did you file a PBR Notice of Intent to Operate (DTSC Form 8462) in 1992 for this location?
☐	☒	2.	Do you now have or have you ever held a state or federal hazardous waste facility full permit or interim status for any of these treatment units?
☐	☒	3.	Do you now have or have you ever held a state or federal full permit or interim status for any other hazardous waste activities at this location?
☐	☒	4.	Have you ever held a variance issued by the Department of Toxic Substances Control for the treatment you are now notifying for at this location?
☒	☐	5.	Has this location ever been inspected by the state or any local agency as a hazardous waste generator?

V. PRIOR ENFORCEMENT HISTORY: *Not required from generators only notifying as conditionally exempt.*

YES	NO	
☐	☒	Within the last three years, has this facility been the subject of any convictions, judgments, settlements, or final orders resulting from an action by any local, state, or federal environmental, hazardous waste, or public health enforcement agency?

(For the purposes of this form, a notice of violation does not constitute an order and need not be reported unless it was not corrected and became a final order.)

☐ If you answered Yes, check this box and attach a listing of convictions, judgments, settlements, or orders and a copy of the cover sheet from each document. (See the Instructions for more information)

VI. ATTACHMENTS:

☒ 1. A plot plan/map detailing the location(s) of the covered unit(s) in relation to the facility boundaries.

☐ 2. A unit specific notification form for each unit to be covered at this location.

VII. CERTIFICATIONS:

This form must be signed by an authorized corporate officer or any other person in the company who has operational control and performs decision-making functions that govern operation of the facility (per title 22, California Code of Regulations (CCR) section 66270.11). ***All three copies must have original signatures.***

Waste Minimization I certify that I have a program in place to reduce the volume, quantity, and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Tiered Permitting Certification I certify that the unit or units described in these documents meet the eligibility and operating requirements of state statutes and regulations for the indicated permitting tier, including generator and secondary containment requirements. I understand that if any of the units operate under Permit by Rule or Conditional Authorization, I will also be required to provide required financial assurances by January 1, 1994, and conduct a Phase I environmental assessment by January 1, 1995.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are substantial penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

TONY J. LUCERO
Name (Print or Type)

Director of Environmental Affairs
Title

Signature

3-25-93
Date Signed

OPERATING REQUIREMENTS:

Please note that generators treating hazardous waste onsite are required to comply with a number of operating requirements which differ depending on the tier(s) under which one operates. These operating requirements are set forth in the statutes and regulations, some of which are referenced in the Tier-Specific Factsheets.

SUBMISSION PROCEDURES:

You must ***submit two copies*** *of this completed notification by certified mail, return receipt requested, to:*

Department of Toxic Substances Control
Form 1772
Onsite Hazardous Waste Treatment Unit
400 P Street, 4th Floor (walk in only)
P.O. Box 806
Sacramento, CA 95812-0806.

You must also ***submit one copy*** *of the notification and attachments to the local regulatory agency in your jurisdiction as listed in the instruction materials. You must also retain a copy as part of your operating record.*

All three forms must have original signatures, not photocopies.

CONDITIONALLY EXEMPT - SPECIFIED WASTESTREAMS

UNIT SPECIFIC NOTIFICATION

(pursuant to Health and Safety Code Section 25201.5(c))

UNIT NAME recirculating steam washer **UNIT ID NUMBER** # 1-5B

NUMBER OF TREATMENT DEVICES: 1 Tank(s) ____ Container(s)

Each unit must be clearly identified and labeled on the plot plan attached to Form 1772. Assign your own unique number to each unit. The number can be sequential (1, 2, 3) or using any system you choose.

Enter the estimated monthly total volume of hazardous waste treated by this unit. This should be the maximum or highest amount treated in any month. Indicate in the narrative (Section II) if your operations have seasonal variations.

I. WASTESTREAMS AND TREATMENT PROCESSES:

Estimated Monthly Total Volume Treated: ____ pounds and/or 1000 gallons

The following are the eligible wastestreams and treatment processes. Please check all applicable boxes:

☐ 1. Treats resins mixed in accordance with the manufacturer's instructions.

☐ 2. Treat containers of 110 gallons or less capacity that contained hazardous waste by rinsing or physical processes, such as crushing, shredding, grinding, or puncturing.

☐ 3. Drying special wastes, as classified by the department pursuant to title 22, CCR, section 66261.124, by pressing or by passive or heat-aided evaporation to remove water.

☐ 4. Magnetic separation or screening to remove components from special waste, as classified by the department pursuant to title 22, CCR, section 66261.124.

☐ 5. Neutralize acidic or alkaline (base) wastes from the regeneration of ion exchange media used to demineralize water. (This waste cannot contain more than 10 percent acid or base by weight to be eligible for conditional exemption.)

☐ 6. Neutralize acidic or alkaline (base) wastes from the food processing industry.

☐ 7. Recovery of silver from photofinishing. The volume limit for conditional exemption is 500 gallons per generator (at the same location) in any calendar month.

8. Gravity separation of the following, including the use of flocculants and demulsifiers if

☐ a. The settling of solids from the waste where the resulting aqueous/liquid stream is not hazardous.

☒ b. The separation of oil/water mixtures and separation sludges, if the average oil recovered per month is less than 25 barrels (42 gallons per barrel).

☐ 9. Neutralizing acidic or alkaline (base) material by a state certified laboratory or a laboratory operated by an educational institution. (To be eligible for conditional exemption, this waste cannot contain more than 10 percent acid or base by weight.)

CONDITIONALLY EXEMPT - SPECIFIED WASTESTREAMS
UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code Section 25201.5(c))

II. NARRATIVE DESCRIPTIONS: *Provide a brief description of the specific waste treated and the treatment process used.*

1. SPECIFIC WASTE TYPES TREATED: oil and grease

2. TREATMENT PROCESS(ES) USED: steam washer - water is recirculated and not discharged; oil is skimmed off.

III. RESIDUAL MANAGEMENT: *Check Yes or No to each question as it applies to all residuals from this treatment unit.*

YES	NO	
☐	☒	1. Do you discharge non-hazardous aqueous waste to a publicly owned treatment works (POTW)/sewer?
☐	☒	2. Do you discharge non-hazardous aqueous waste under an NPDES permit?
☒	☐	3. Do you have your residual hazardous waste hauled offsite by a registered hazardous waste hauler? If you do, where is the waste sent? *Check all that apply.*

- ☒ a. Offsite recycling
- ☐ b. Thermal treatment
- ☐ c. Disposal to land
- ☐ d. Further treatment

☐	☒	4. Do you dispose of non-hazardous solid waste residues at an offsite location?
☐	☐	5. Other method of disposal. Specify:

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT:

In order to demonstrate eligibility for one of the onsite treatment tiers, facilities are required to provide the basis for determining that a hazardous waste permit is not required under the federal Resource Conservation and Recovery Act (RCRA) and the federal regulations adopted under RCRA (Title 40, Code of Federal Regulations (CFR)).

Choose the reason(s) that describe the operation of your onsite treatment units:

☒ 1. The hazardous waste being treated is not a hazardous waste under federal law although it is regulated as a hazardous waste under California state law.

☐ 2. The waste is treated in wastewater treatment units (tanks), as defined in 40 CFR Part 260.10, and discharged to a publicly owned treatment works (POTW)/sewering agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.

CONDITIONALLY EXEMPT - SPECIFIED WASTESTREAMS
UNIT SPECIFIC NOTIFICATION
(pursuant to Health and Safety Code Section 25201.5(c))

IV. BASIS FOR NOT NEEDING A FEDERAL PERMIT: (continued)

☐ 3. The waste is treated in elementary neutralization units, as defined in 40 CFR Part 260.10, and discharged to a POTW/sewering agency or under an NPDES permit. 40 CFR 264.1(g)(6) and 40 CFR 270.2.

☐ 4. The waste is treated in a totally enclosed treatment facility as defined in 40 CFR Part 260.10; 40 CFR 264.1(g)(5).

☐ 5. The company generates no more than 100 kg (approximately 27 gallons) of hazardous waste in a calendar month and is eligible as a federal conditionally exempt small quantity generator. 40 CFR 260.10 and 40 CFR 261.5.

☐ 6. The waste is treated in an accumulation tank or container within 90 days for over 1000 kg/month generators and 180 or 270 days for generators of 100 to 1000 kg/month. 40 CFR 262.34, 40 CFR 270.1(c)(2)(i), and the Preamble to the March 24, 1986 Federal Register.

☐ 7. Recyclable materials are reclaimed to recover economically significant amounts of silver or other precious metals. 40 CFR 261.6(a)(2)(iv), 40 CFR 264.1(g)(2), and 40 CFR 266.70.

☐ 8. Empty container rinsing and/or treatment. 40 CFR 261.7.

☐ 9. Other: Specify: _____

_____

V. TRANSPORTABLE TREATMENT UNIT: *Check Yes or No. Please refer to the Instructions for more information.*

YES	NO	
☐	☒	Is this unit a Transportable Treatment Unit?

If you answered yes, you must also complete and attach Form 1772E to this page.

The Tier-Specific Factsheets contain a summary of the operating requirements for this category. Please review those requirements carefully before completing or submitting this notification package.

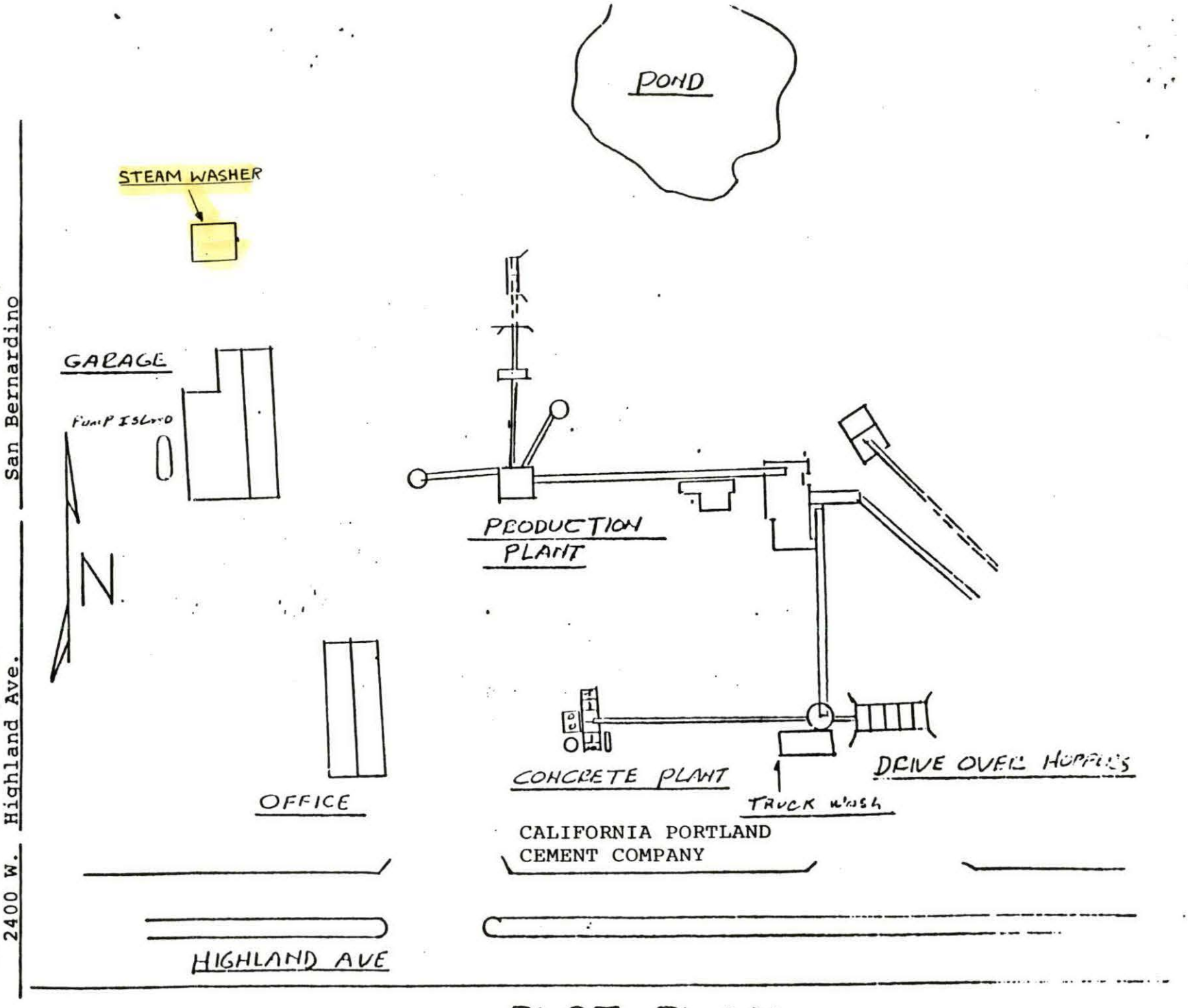
CALMAT CO

BUSINESS SITE PLAN

FACILITY ADDRESS:

number 2400 W. street Highland Ave. city San Bernardino

SITE LAYOUT MAP



PLOT PLAN

NTS

CalMat

P.O. BOX 2950 LOS ANGELES, CALIFORNIA 90051 PHONE (213) 258-2777

015526 DEPARTMENT OF TOXIC 03/26/93 641218

INVOICE DATE	INVOICE NUMBER	INVOICE AMOUNT	DISCOUNT	NET AMOUNT	COMMENTS
03/24/93	SAN BERNAR	100.00	0.00	100.00	
		100.00	0.00	100.00	

THE CHECK BELOW IS PRESENTED IN FULL PAYMENT OF ITEMS LISTED HEREON.

REMITTANCE ADVICE - DETACH BEFORE DEPOSITING.

CalMat

CalMat Co
LOS ANGELES, CALIFORNIA 90051

56-1368
441

Drawn On
Mount Sterling Office
BANK ONE, COLUMBUS, NA
100 East Broad Street
Columbus, Ohio 43215
In Cooperation With
BANK OF AMERICA NT & SA

641218

DATE	CHECK NO.
03/26/93	641218

AMOUNT
$ *******100.00

PAY **********ONE HUNDRED AND 00/100**********

CalMat Co

PAY TO THE ORDER OF
DEPARTMENT OF TOXIC
SUBSTANCES CONTROL
P.O. BOX 806
SACRAMENTO, CA 95812-0806

A. Martell

II⁸

3200 SAN FERNANDO ROAD, LOS ANGELES, CALIFORNIA 90065

CalMat

LOS ANGELES MAR 29 '95 CALIF

U.S. POSTAGE ≈2,52 METER 9200814

MS PAMELLA BENNETT DIRECTOR
ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PUBLIC WORKS AGENCY
385 N ARROWHEAD AVE
LOS ANGELES CA 92415-0160

CERTIFIED MAIL
No. 228149

FA7904

POST THIS CARD AT JOB SITE

SAN BERNARDINO COUNTY FIRE DEPARTMENT/CUPA
OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 SOUTH "E" STREET
SAN BERNARDINO, CA 92415-0153

LOG # 022808-02 JOB CARD Nº 8996

INSTALL MOD REMOVE

CONSTRUCTION AND/OR REMOVAL OF UNDERGROUND STORAGE FACILITY

Site Name Vulcan Material
Address 2350 W. Highland Ave San Bdno
Contractor Pacific System Electric 909-
Address/Phone 38330 Via La Paloma, Murrieta 877-0704

	INSPECTION RECORD	APPROVED	DATE
FIRST INSPECTION	Excavation Clean, Approved Slope		
	Bedding		
	Holiday/Soap Test, Tanks Set X		
	Manufacturer's UL #		
	Additional Requirements		
	DO NOT BACKFILL UNTIL ABOVE APPROVED		
SECOND INSPECTION	Tank Air Test 5 PSI/30 Minutes		
	Vent/Vapor Lines		
	Products Lines 75 PSI/30 Minutes		
	Product Line Containment		
	Metal Piping Wrapped		
	Sumps, Dispenser Pans Water Test		
THIRD INSPECTION	Approved Fill Boxes		
	Concrete or AC Paving 12" Beyond		
	Leak Detectors/Monitors		
	Lockable Fluid-Tight Access for Monitoring		
	Precision Test Results		
	Dispenser Containment		
	Emergency Shut-off		
	Additional Requirements		
REQUIRED PRIOR TO OPERATING	Business Plan		
	Monitoring Plan		
	Financial Responsibility		

V/H/D Requested Refund 4/18/03 CAA

FINAL APPROVAL AND CURRE[illegible]TAINED PRIOR TO PLACING THESE TANKS IN[illegible]COMPLIANCE)

TANK REMOVAL INSPECTION	Tank(s) Removed X ___		
	Required Samples: 8020		
	Lead (pb) 7421 or IC		
	Additional Test Requirem		
	Removals Cannot b[illegible]ample Results Have Been [illegible]tment.		
	Final — Approved for Backfill		

Refund

Remarks:

FAILURE TO PROTECT AND MAINTAIN THIS CARD MAY RESULT IN JOB DELAY.
PRESERVE THIS RECORD OF INSPECTIONS.

FOR INSPECTION CALL 48 HOURS IN ADVANCE AT (909) 386-8464

THIS PERMIT EXPIRES _____

☐ PETROLEUM ☐ WASTE OIL ☐ OTHER

14-16867-670 Rev. 2/03

DISTRIBUTION: *White — County Fire Department*
Green — Contractor/Owner

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION — FIELD SERVICES/ENVIRONMENTAL PROTECTION
620 South E Street, San Bernardino, CA 92415-0153

UNDERGROUND TANK CONSTRUCTION/ MODIFICATION APPLICATION

$ 715.00 First Tank

$ _____ Each Additional Tank

TANK INSTALLATION ☐
PIPING ONLY ☐
MODIFICATION ☑

JOB LOCATION

Vulcan Material — Andy Meeder — (909) 875-1150
Facility Name and Contact Person — Phone No.

2350 W. Highland Ave — San Bernardino — 92407
Situs Address — City — Zip Code

Fire — Water/Sewer Agency

PROPERTY OWNER

Vulcan Material — (909) 875-1150
Name — Phone No.

2350 W. Highland Ave. — San Bernardino — 92407
Mailing Address — City — Zip Code

Andy Meeder — (909) 875-1150
Owner's Representative — Phone No.

TANK OWNER

Vulcan Material — (909) 875-1150
Name — Phone No.

2350 W. Highland Ave. — San Bernardino — 92407
Mailing Address — City — Zip Code

TANK DATA

Construction	Size	Contents	U.L. Number

CONTRACTOR

Pacific System Electric — Denis Minnok — ~~(909)~~ ~~877~~ (909) 877-0704
Company Name — Contact Person — Phone No.

35330 Via la Paloma — Murrieta — 92563
Mailing Address — City — Zip Code

~~3014509~~ State Fund — 3014509
Workman's Comp Insurance Carrier — Policy No.

561275 — A-HAZ — 11/30/08
State Contractor's License No. — Types of Licenses — Expiration Date

Michael Cline — (909) 647-3915
Print Name Clearly — Phone

Signature — 2/28/08
Date

VOID
Requested Refund 4/18/08 CA

OFFICE USE ONLY

New Facility ☐

Permitted Facility ☑ Yes ☐ No

FA7904
Facility ID Number

Number of Tanks 1

Permits Current ☑ Yes ☐ No

8-31-08
Expiration Date

715.00 / 43981
Permit Fee Paid / Receipt Number

416
Check Number

2-28-08
Date Paid

Chasty Frias
Taken by

022808-02 — 8996
Log Number — Job Card Number

POST THIS CARD AT JOB SITE

SAN BERNARDINO COUNTY FIRE DEPARTMENT/CUPA
OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 SOUTH "E" STREET
SAN BERNARDINO, CA 92415-0153

LOG # 062907-01 JOB CARD Nº 8768

INSTALL M REMOVE _____

CONSTRUCTION AND/OR REMOVAL OF UNDERGROUND STORAGE FACILITY

Site Name VULCAN MATERIAL
Address 2350 W. Highland Ave. San Bernardino
Contractor Pacific System Electric
Address/Phone 951-677-0704 / 909-647-3915

	INSPECTION RECORD	APPROVED	DATE
FIRST INSPECTION	Excavation Clean, Approved Slope		
	Bedding		
	Holiday/Soap Test, Tanks Set X		
	Manufacturer's UL #		
	Additional Requirements		
	DO NOT BACKFILL UNTIL ABOVE APPROVED		
SECOND INSPECTION	Tank Air Test 5 PSI/30 Minutes		
	Vent/Vapor Lines		
	Products Lines 75 PSI/30 Minutes		
	Product Line Containment		
	Metal Piping Wrapped		
	Sumps, Dispenser Pans Water Test		
THIRD INSPECTION	Approved Fill Boxes		
	Concrete or AC Paving 12" Beyond		
	Leak Detectors/Monitors		
	Lockable Fluid-Tight Access for Monitoring		
	Precision Test Results		
	Dispenser Containment		
	Emergency Shut-off		
	Additional Requirements		
REQUIRED PRIOR TO OPERATING	Business Plan		
	Monitoring Plan		
	Financial Responsibility		

FINAL APPROVAL AND CURRENT OPERATING PERMITS MUST BE OBTAINED PRIOR TO PLACING THESE TANKS INTO SERVICE ($5,000.00 FINE FOR NONCOMPLIANCE)

TANK REMOVAL INSPECTION	Tank(s) Removed X _____		
	Required Samples: 8020, 8015, MTBE, 418.1		
	Lead (pb) 7421 or ICP 6010, Metals EPA PP13		
	Additional Test Requirements		
	Removals Cannot be Finaled Until a Signed Copy of the Sample Results Have Been Received and Approved by this Department.		
	Final — Approved for Backfill		

Remarks:

FAILURE TO PROTECT AND MAINTAIN THIS CARD MAY RESULT IN JOB DELAY.
PRESERVE THIS RECORD OF INSPECTIONS.

FOR INSPECTION CALL 48 HOURS IN ADVANCE AT (909) 386-8464

THIS PERMIT EXPIRES _____

☐ PETROLEUM ☐ WASTE OIL ☐ OTHER

14-16867-670 Rev. 2/03

DISTRIBUTION: *White — County Fire Department*
Green — Contractor/Owner

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION — FIELD SERVICES/ENVIRONMENTAL PROTECTION
620 South E Street, San Bernardino, CA 92415-0153

UNDERGROUND TANK CONSTRUCTION/ MODIFICATION APPLICATION

$ _____ First Tank

$ _____ Each Additional Tank

TANK INSTALLATION ☐
PIPING ONLY ☒
MODIFICATION ☐

JOB LOCATION

Vulcan Material — (909) 875-1150
Facility Name and Contact Person — Phone No.

2350 W. Highland Ave. — San Bernardino — 92407
Situs Address — City — Zip Code

Fire — Water/Sewer Agency

PROPERTY OWNER

Vulcan Material — (909) 875-1150
Name — Phone No.

2350 W. Highland Ave — San Bernardino — 92407
Mailing Address — City — Zip Code

Andy Meeder — (909) 875-1150
Owner's Representative — Phone No.

TANK OWNER

Vulcan Material — (909) 875-1150
Name — Phone No.

2350 W. Highland Ave. — San Bernardino — 92407
Mailing Address — City — Zip Code

TANK DATA

Construction	Size	Contents	U.L. Number

CONTRACTOR

Pacific System Electric — Earl Jones — (951) 677-0704
Company Name — Contact Person — Phone No.

38330 Via La Paloma — Murrieta — 92563
Mailing Address — City — Zip Code

0027195 — Staefa fund
Workman's Comp Insurance Carrier — Policy No.

561275 — A-C-HAZ — 11/30/08
State Contractor's License No. — Types of Licenses — Expiration Date

Michael Cline — (909) 647-3915
Print Name Clearly — Phone

Signature — 6/29/07
Date

OFFICE USE ONLY

New Facility ☐

Permitted Facility ☒ Yes ☐ No — FA 7904 — Facility ID Number

Number of Tanks: 1

Permits Current ☒ Yes ☐ No — 8/31/07 — Expiration Date

715.00 — Permit Fee Paid — 36974 / Receipt Number

Check Number 277

Date Paid 6-29-07

Taken by V Carey

062907-01 — Log Number — 8768 — Job Card Number

County of San Bernardino
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160 • (714) 387-3080

LOG # 032790-02 JOB CARD # 2305

CONSTRUCTION AND/OR REMOVAL OF UNDERGROUND STORAGE FACILITY

POST THIS CARD AT JOB SITE

Site Address 2340 W HIGHLAND AVE, SAN BERNARDINO
INDUSTRIAL ASPHALT
Contractor RENFROW CONSTRUCTION (818)
Address/Phone No. 8721 Tamarack Sun Vly / 767-7557

	Inspection Record	Approved By	Date
First Inspection	Excavation Clean, Approved Slope	G. Fleming	7-2-90
	Bedding Materials/Depth	G. Fleming	7-2-90
	Holiday Test, Tanks Set	G. Fleming	7-2-90
	Additional Requirements:		
	Do Not Backfill Until Above Approved		
Second Inspection	Tank Air Test 5 PSI/30 Minutes	G. Fleming	7-24-90
	Product Lines 75 PSI/30 Minutes	G. Fleming	7-24-90
	Product Line Containment	G. Fleming	7-24-90
	Metal Piping Wrapped	G. Fleming	7-24-90
	Additional Requirements: none		
Final Inspection	Approved Fill Boxes	J. Halet	8-3-90
	Concrete or AC Paving 12" Beyond Excavation	J. Halet	8-3-90
	Leak Detectors/Monitors Installed/Operational	J. Halet	8-3-90
	Lockable Fluid-Tight Access for Monitoring Points	J. Halet	8-3-90
	Precision Test Results		
	Additional Requirements: This Job will be finaled when we receive the precision test results.		
	FINAL APPROVAL AND CURRENT OPERATING PERMITS MUST BE OBTAINED PRIOR TO PLACING THESE TANKS INTO SERVICE ($5,000.00 FINE FOR NONCOMPLIANCE)		
Tank Removal Inspection	Tank Removed	G. Fleming	5-18-90
	Required Samples: 8020, (8015) (418.1)	G. Fleming	5-18-90
	Additional Test Requirements:		
	Removals **Can Not** Be Finaled Until A Copy Of The Sample Results Have Been Received And Approved By This Department.		
	Final — Approved for Backfill		

Additional Requirements by Local Fire Authority:

Final Approved by Local Fire Authority:

Name: Title: Date:

FAILURE TO PROTECT AND MAINTAIN THIS CARD MAY RESULT IN JOB DELAY.
PRESERVE THIS RECORD OF INSPECTIONS.

FOR INSPECTION CALL 48 HOURS IN ADVANCE AT (714) 387-3080.

THIS PERMIT EXPIRES 6 MONTHS FROM DATE OF ISSUANCE

DISTRIBUTION: White — DEHS Copy
Yellow — APCD Copy
Green — Owner's Copy

14-16867-631 Rev. 7/89

LIC.#352057



(818) 767-7557
(213) 271-[illegible]1
FAX (818) 767-[illegible]5

MICHAEL A. RENFROW
President

8721 Tamarack Ave • Sun Valley, CA 91352

ire Agency _____

Submit to:
San Bernardino County Department of Environmental Health Services
385 North Arrowhead, San Bernardino, CA 92415-0160

APPLICATION FOR REMOVAL OF UNDERGROUND STORAGE TANK

FEE:
$ 300.00 First Tank
$ 100.00 Each Additional Tank

Date 3-22-90

INDUSTRIAL ASPHALT — **JOB LOCATION**
Facility Name or Contact Person — *Phone No.* 714-875-1508
Situs Address 2340 W. HIGHLAND AVE. SAN BERNARDINO, CA. 92405
City — *State* — *Zip Code*

CONTRACTOR
Name RENFROW CONST. — *Phone No.* 818-767-7557
Mailing Address 8721 TAMARACK AVE SUN VALLEY CA. 91352
City — *State* — *Zip Code*

OWNER
Name INDUSTRIAL ASPHALT — *Phone No.* 714-875-1508
Mailing Address 2340 W. HIGHLAND AVE.
City SAN BERNARDINO CA. 92405 — *State* — *Zip Code*

TANK DATA

Construction	Size	Contents	U.L. Number
STEEL	12.000 GAL.	Diesel.	UNKNOWN

Workman's Comp. Carrier and Policy No. _____

Water Sewer Agency _____

NOTE: The State of California has determined that tanks used for the storage of any hazardous or flammable substance shall be considered hazardous even if all contents have been removed.

All storage tanks shall be hauled as hazardous waste, accompanied by a state hazardous waste manifest, and taken to a licensed treatment, storage and disposal facility (TSDF); or if the tanks are triple rinsed on site and the rinsate manifested and hauled to a licensed TSDF, the tank may be handled as nonhazardous.

For information on licensed TSDF's that can accept nonrinsed tanks contact the State of California Department of Health Services, Toxic Substance Control at (213) 620-2380.

Est#86009111 - 1 Tank - All fees current 4/30/90 Exp.

Signature Monte Neumann

Date 3-22-90

03-17445-631

(64) **OFFICE USE ONLY**
Amount #300.00
Check No. 5406 (#700.00)
Date Paid 3/27/90
Taken By Cat (mail
Log No. 032790-02
Job Card Issued: No. 2305

Submit to:
San Bernardino County Department of Environmental Health Services
385 North Arrowhead, San Bernardino, CA 92415-0160 (714) 387-3080

UNDERGROUND TANK INSTALLATION APPLICATION

INSTALLATION FEE:
$400.00 First Tank
$100.00 Each Additional Tank

YEARLY OPERATING PERMIT:
$163.00 First Tank
$80.00 Each Additional Tank
$56.00 State Surcharge (Per tank)
$55.00 Hazardous Material Handler

JOB LOCATION

Facility Name or Contact Person: INDUSTRIAL ASPHALT — Phone No.: 714-875-1508
Situs Address: 2340 W. HIGHLAND AVE. — City: SAN BERNARDINO — State: CA. — Zip Code: 92405
Fire Agency: SAN BERNARDINO FIRE — Water/Sewer Agency: INDUSTRIAL

PROPERTY OWNER

Name: INDUSTRIAL ASPHALT — Phone No.: 714-875-5180
Mailing Address: 6623 CALLE EVA MIRANDA — City: AZUSA — State: CA. — Zip Code: 91702
Owner's Representative: JOHN MILSTEAD — Phone No.: 714-875-5180

TANK OWNER

Name: INDUSTRIAL ASPHALT
Mailing Address: 6623 CALLE EVA MIRANDA — City: AZUSA — State: CA. — Zip Code: 91702 — Phone No.: 714-875-5180

TANK DATA

Construction	Size	Contents	U.L. Number
1 DOOR 10- DOUBLE WALL FIBERGLASS	10K.	DIESEL	UNKNOWN

CONTRACTOR

Name: RENFROW CONST. — Phone No.: 818-767-7557
Mailing Address: 8721 TAMARACK AVE — City: SUN VALLEY — State: CA. — Zip Code: 91352
Workman's Comp. No.: STATE FUND — Policy No.: 722664-90
State Contractor's License No.: 352057 — Types: C61 — Expiration Date: 12-1-90

Cash# 86009111 - 1 Tank - All fees current 4/30/90 Chp.

Signature: Monte Renfrow

Date: 3-22-90

(64)

OFFICE USE ONLY

Amount: #400.00
Check No.: 5406 (#700.00)
Date Paid: 3/27/90
Taken By: Pat (mail)
Log No.: 032790-02
Job Card Issued: No.: 2305

PACIFIC SYSTEMS ELECTRIC

38330 Via La Paloma
Murrieta California 92563
951 677-0704 Fax 951 698-5436
Lic # 561275

To Whom It May Concern

Please accept this letter as authorization for Mike Cline of Carbontech to establish permits in Pacific Systems Electric, Inc. behalf.

Sincerely,

Earl Jones
President

PAMALA DUPSLOFF
Commission # 1432766
Notary Public - California
Riverside County
My Comm. Expires Jul 29, 2007

State of California, County of Riverside
Subscribed and sworn to (or affirmed) before me
on this 5 day of June, 2007
by Earl Jones
personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.
Signature: Pamala Dupsloff

State Of California
CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE

License 561275 Type CORP

PACIFIC SYSTEMS ELECTRIC INC

Classification(s) C10 A HAZ

Expiration Date 11/30/2008

POLICYHOLDER COPY SK

STATE COMPENSATION INSURANCE FUND

P.O. BOX 420807, SAN FRANCISCO,CA 94142-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

ISSUE DATE: 02-01-2007

GROUP: 000229
POLICY NUMBER: 0027195-2007
CERTIFICATE ID: 65
CERTIFICATE EXPIRES: 02-07-2008
02-07-2007/02-07-2008

CONTRACTORS STATE LICENSE BOARD SK
WORKERS COMPENSATION UNIT
PO BOX 26000
SACRAMENTO CA 95826-0026

LIC PERMIT#: 561275
INCEPTION DATE:02-07-2007
DO:SK

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon 30 days advance written notice to the employer.

We will also give you 30 days advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policy listed herein. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate of insurance may be issued or to which it may pertain, the insurance afforded by the policy described herein is subject to all the terms, exclusions, and conditions, of such policy.

AUTHORIZED REPRESENTATIVE

PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS: $1,000,000 PER OCCURRENCE.

ENDORSEMENT #1600 - EARL DOYLE JONES P T - EXCLUDED.

ENDORSEMENT #1600 - CHARLEEN WREY JONES S - EXCLUDED.

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE 02-07-2007 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

PACIFIC SYSTEMS ELECTRIC, INC SK
38330 VIA LA PALOMA
MURRIETA CA 92563

(REV.3-05)

[IMD,CN]
PRINTED : 02-01-2007

INTERNATIONAL CODE COUNCIL

EARL D JONES

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

UST INSTALLATION/RETROFITTING

given this day of December 26, 2006

Wally Bailey

Wally Bailey

President, ICC Board of Directors

Rick Weiland

Rick Weiland

ICC Chief Executive Officer

5250377-U1

Certificate Number

ICC

INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

Feb 21 07 10:58a Charleen Jones 951 698-5436 p.1

INTERNATIONAL CODE COUNCIL

EARL D JONES

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

CALIFORNIA UST SERVICE TECHNICIAN

given this day of June 24, 2005

Frank P. Hodge Jr.

Frank P. Hodge Jr.
President, ICC Board of Directors

James L. Witt

James L. Witt
ICC Chief Executive Officer

5250377-UT
Certificate Number

ICC
INTERNATIONAL CODE COUNCIL®

INTERNATIONAL CODE COUNCIL

WILLIAM MADSEN

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

CALIFORNIA UST SERVICE TECHNICIAN

given this day of July 8, 2005

Frank P. Hodge Jr.

Frank P. Hodge Jr.
President, ICC Board of Directors

James L. Witt

James L. Witt
ICC Chief Executive Officer

5263306-UT
Certificate Number

ICC
INTERNATIONAL CODE COUNCIL®



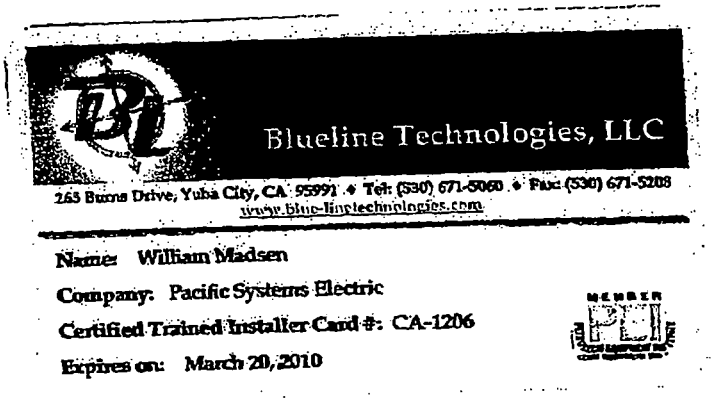
285 Burns Drive, Yuba City, CA 95991 · Tel: (530) 671-6000 · Fax (530) 671-6008
www.blue-linetechnologies.com · Email: sales@blue-linetechnologies.com

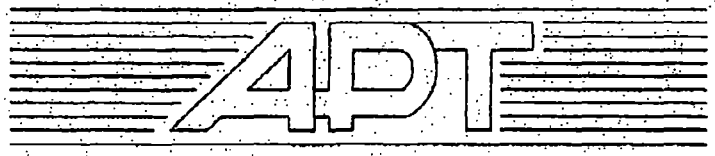
Name: Earl D. Jones

Company: Pacific Systems Electric

Certified Trained Installer Card #: CA-1204

Expiration Date: August 4, 2008


Blueline Technologies, LLC
265 Burns Drive, Yuba City, CA 95991 • Tel: (530) 671-5060 • Fax: (530) 671-5208
www.blue-linetechnologies.com
Name: William Madsen
Company: Pacific Systems Electric
Certified Trained Installer Card #: CA-1206
Expires on: March 20, 2010
MEMBER



POLY-TECH™ FLEXIBLE UNDERGROUND PIPING SYSTEMS

Factory Trained Installer

THIS IS TO CERTIFY

Earl D. Jones - Pacific Systems Electric

HAS SUCCESSFULLY COMPLETED
THE POLY-TECH FACTORY TRAINING PROGRAM



№ 00 - 1247

8/16/02
DATE

APT, Inc.
Muskegon, MI

©1998 GOES 34625
All Rights Reserved

LITHO. IN U.S.A.

SAN BERNARDINO COUNTY
FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

7 OCTOBER 2009

VULCAN MATERIAL
3200 SAN FERNANDO ROAD
LOS ANGELES, CA 90065

RE: UNDERGROUND STORAGE TANK LOCATED AT 2350 W HIGHLAND AVENUE, SAN BERNARDINO
FA 7904

ATTN: Mr. John Janke

The San Bernardino County Fire Department Hazardous Materials Division (SBCFD) understands that you plan to only use this tank if the normal fuel supply is disrupted.

In order to be able to use this tank for a hazardous substance (fuel) in the future, it must meet the current standards for an Underground Storage Tank (UST) when it is put into service.

At this time, current standards require the UST to meet the Code of California Regulations Title 23 Division 3 Article 3 sections 2630 et al. These regulations are commonly called VPH Standards. VPH stands for monitoring the secondary containment of the UST system by Vacuum, Pressure, or Hydrostatic approved methods. This standard is for all USTs that were put into service after July 1, 2004.

If you were to use the option of removing the tank from being regulated as an UST, it could not be placed into service (allowed to contain fuel) until it had been upgraded to VPH standards. The amount of time required to complete the upgrade would take up to several months to get all the required equipment, permits and certifications and possibly longer if the tank does not pass all of the required tests.

In order to keep the tank unused, but available to for use within a minimal amount of time, the tank would have to be regulated as an UST with the standards that were in place when the UST was originally put into service. Because the UST would not contain fuel, SBCFD would allow a modified monitoring method to keep the UST regulated at original standards.

At a minimum, SBCFD would require the following for the UST:

- Lock all access points
- Post signs to prevent material from being put into the UST
- Complete repairs and retesting on the May 24, 2007 SB 989 failures of the secondary containment
- Keep the UST permits current

MARK H. UFFER
County Administrative Officer

NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors
BRAD MITZELFELT ..... First District
PAUL BIANE ..... Second District
NEIL DERRY ..... Third District
GARY C. OVITT ..... Fourth District
JOSIE GONZALES ..... Fifth District

- Continue with annual monitoring certifications
- Conduct monthly Designated Operators inspections
- Keep the UST continually electronically monitored
- Conduct SB 989 testing when due (May 2010)
- Keep all required paperwork updated

Meeting the above requirements to keep the UST continually ready for fuel delivery will allow the UST to be immediately put into service for its intended purpose. Keeping the UST maintained and monitored preserves the original date of installation in terms of the applicable regulations and should allow fuel delivery without additional SBCFD approvals or delays from having to go through plan check, pre-startup monitoring certification, or additional maintenance testing. Once the fuel is brought onto the site, you have up to 30 days to update the business emergency/contingency plan to reflect any related changes to inventory.

This alternative leak detection and monitoring plan will meet the requirements of the SBCFD as the Certified Unified Program Agency (CUPA). It does not take the place of approvals from City agencies (e.g. San Bernardino City Fire), Air Quality, Board of Equalization, or other related agencies. Because there may be other requirements for startup and employees are not accustomed to using this UST, the CUPA recommends that the facility create an internal pre-startup checklist as part of the procedures for disruption of fuel supply to ensure a safe and legally compliant use of this UST.

This letter serves to rescind the Notice of Violation dated September 2, 2009. However, the facility will have 30 days to comply with one of two options:

(1) Comply with the above requirements for a regulated UST (including submitting plans for completing repairs from the SB 989 failures), or
(2) Submit a request for the UST permit to be inactivated and submit documentation that the facility does not want the tank to be regulated and therefore cannot be used for the storage of fuel (or hazardous material) until an UST application plan check has been submitted and approved, and the UST has been upgraded to VPH standards, or the applicable standards at the time of application.

If you have any questions, I can be reached at (909) 386-8464, or by email at gbeach@sbcfire.org.

Greg Beach

Greg Beach
Hazardous Material Specialist
LOP/UST Section

COUNTY FIRE DEPARTME...

COUNTY OF SAN BERNARDINO

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIAL DIVISION
620 South "E" St.
San Bernardino, CA 92415-0179
(909) 386-8401 – FAX (909) 386-8460

PAT A DENNEN
Fire Chief
County Fire Warden

September 26, 2007

ANDY MEEDER
CALMAT / VULCAN MATERIALS
2400 WEST HIGHLAND AVE.
SAN BERNARDINO, CA 92407

RE: REPAIRS TO THE FUELING SYSTEM FOR CALMAT/VULCAN MATERIALS AT 2350 HIGHLAND AVENUE, SAN BERNARDINO, CALIFORNIA (Log #062907-01)

The work plan for repairs to the fueling system at the above referenced facility is conditionally approved as corrected. This approval is to install new double walled APT supply and return product piping using the existing piping as chase pipe, and to repair the piping sump riser connection to the tank collar. Please submit an addendum to clarify how you intend to address the corrections made to the plans. The addendum must be submitted and approved prior to your beginning work. Any other repairs or modifications shall be approved prior to start of work.

This tank was installed in 1990 to supply diesel fuel to your generators if the natural gas supply was ever restricted or cut off. You have indicated that this tank has never been used, and may possibly be removed within approximately 2 years. As the tank has never held a hazardous substance it is currently not regulated. Prior to your putting the tank in operation all repairs and upgrades must be completed and pass inspection. In addition, a complete monitoring certification inspection, and SB-989 secondary containment testing must be conducted and passed.

Until the tank is either put into operation or is removed, the Department recommends that you conduct routine inspections of the tank, lock access to the tank, and post signage to assure that materials are not mistakenly dumped into the tank.

All inspections must be requested a minimum of 5 days in advance. Please contact this office at (909) 386-8464 if you have questions, or to schedule an inspection.

Lisa Holst

LISA HOLST, R.E.H.S.
HAZARDOUS MATERIALS SPECIALIST II
HAZARDOUS MATERIALS DIVISION
UST COMPLIANCE / SITE REMEDIATION PROGRAM

LH/cw

cc: Dennis Minnock, Pacific Systems Electric, Inc.

-entered 93.

San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

NOTICE OF VIOLATION

Violators Name: Vulcan Materials Western Division
Mailing Address: 2350 W. Highland Ave
San Bernardino CA 92407

NOV Date: 9/2/09
FA #: 1904
APN:

An investigation / inspection / file review concerning the property at 2350 W. Highland Ave, San Bernardino CA
was made on September 2, 2009. Based on conditions observed:

THE FOLLOWING VIOLATIONS EXIST:

Failure to certify UST (underground storage tanks) annually (23 CCR 2638 or 2641 j) 11/1/09

YOU ARE HEREBY ORDERED TO COMPLY BY:

Hire an ICC certified contractor to perform UST monitoring certification. A representative from County Fire Dept must be present during monitoring certification. Please schedule an inspection with County Fire Dept 11/1/09

YOU MUST COME INTO COMPLIANCE WITH THE ABOVE ORDER WITHIN 30 days OF RECEIPT OF NOTICE.

FAILURE TO COMPLY WITH THIS ORDER MAY RESULT IN FURTHER ENFORCEMENT ACTION.

The San Bernardino County Fire Department reserves the right to issue an Administrative Enforcement Order or refer this matter to the District Attorney's office for review and prosecution of any or all violations which have occurred regardless of your compliance with this directive.

If you have any questions, contact the Department representative below at (909) 386-8419.

Issued By: Catherine B Richards
Sign Name

Received By: Andy Meeder
Sign Name

Catherine B. Richards
Print Name

Andy Meeder
Print Name

Hazardous Materials Specialist II
Title

Foreman
Title

Form Revised 1/16/2007 *12-14585-670 Rev. 2/07* *DISTRIBUTION: White – File* *Yellow – Facility* *Pink – Department Representative*

ICC # 5263377-UI

NOTICE

DO NOT PLACE ANY MATERIALS IN THIS UNDERGROUND STORAGE TANK. TANK NEVER PLACED IN USE AND REMAINS NON-REGULATED STATUS PER SBCFD HAZMAT DIVISION

Vulcan
Materials Company

RECEIVED
SEP 11 2009
S.B. CO. FIRE DEPT.

Ms. Marilyn Kraft
San Bernardino County Fire Department
620 South E Street
San Bernardino, CA 92415-0153

Dear Ms. Kraft,

This letter is in regards to a Notice of Violation (FA# 7904) issued on 9-2-09 by Inspector Catherine Richards at our San Bernardino asphalt facility located at 2350 W. Highland Avenue, San Bernardino.

The citation was issued for failure to perform leak monitoring certification on the facility's underground storage tank. This particular tank was placed onsite to fuel the asphalt plant in the case natural gas becomes unavailable. It has never been used for that purpose, nor has a single gallon of fuel ever been placed into the tank.

The San Bernardino County Fire Department (SBCFD) has asserted that because the tank has never contained fuel, it is therefore considered non-regulated and is not subject to certification requirements. This issue has arisen with SBCFD previously; see the attached 2007 letter from Lisa Holst of your staff detailing the issue and SBCFD's ruling on the matter. SBCFD classified the UST as non-regulated and gave Vulcan specific instructions on maintaining it as such. Vulcan has followed SBCFD's instruction on maintaining the tank as non-regulated by conducting routine monthly inspections, locking access to the tank and posting a sign (copy attached) with instructions that no fuel be placed in the tank. Our understanding is that if and when fuel is placed in the tank the requisite monitoring will be performed immediately and the tank will be reclassified as regulated. We therefore assert no violation occurred because Vulcan followed SBCFD's instruction on maintaining the tank under non-regulated status with the understanding that leak certification monitoring was not required.

We respectfully request that the Notice of Violation and requirement to perform leak monitoring certification be rescinded. Please advise us of your action on this matter.

Please do not hesitate to contact me at 323-312-9960 with any questions.

Sincerely,

John R. Janke
Environmental Specialist
Vulcan Materials Company

WESTERN DIVISION
P.O. BOX 3098 • SAN DIEGO, CALIFORNIA 92163-3098
TELEPHONE (858) 547-9459 • FAX (858) 530-9493

Vulcan
Materials Company

WESTERN DIVISION
VULCAN MATERIALS COMPANY
P.O. BOX 3098
SAN DIEGO, CA 92163

7001 2510 0001 5053 9263

UNITED STATES POSTAGE
PITNEY BOWES
02 1P $ 005.71⁰
0003091731 SEP 08 2009
MAILED FROM ZIP CODE 92121

RECEIVED
SEP 11 2009
S.B. CO. FIRE DEPT.

Ms. Marilyn Kraft
San Bernardino Co. Fire Dept
620 South "E" Street
San Bernardino, CA 92415-0153

→76B 9/14/09

92415+0153

memo

1076

UST TEST RESULTS

ATTN: ADRIAN SAGUAN

To: San Bernardino County Fire Dept. – Hazardous Materials Division
620 South E Street
San Bernardino, CA 92415-0153

From: Dennis Minnock

714-713-9529

Date: 3/16/2015

Re: **Secondary Containment Test Results**
Vulcan Materials Co
2400 W Highland Ave
San Bernardino
5 pages

ENTERED
APR 12 2015

RECEIVED
MAR 19 2015
S.B. CO. FIRE DEPT.

Secondary Containment Testing Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials	Date of Testing:	3/3/2015
Facility Address:	2400 W. Highland Ave. San Bernardino		
Facility Contact:	Floyd Sibole	Phone:	909-875-1150
Date Local Agency Was Notified of Testing :	Feb. 19, 2015		
Name of Local Agency Inspector *(if present during testing)*:	Adrian Saguan		

2. TESTING CONTRACTOR INFORMATION

Company Name:	Petrotech Service		
Technician Conducting Test:	Philip Smith		
Credentials:	X CSLB Licensed Contractor	□ SWRCB Licensed Tank Tester	
License Type: A, Haz		License Number:991520	

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
ICC	UST Service Technician	9/19/2015
Franklin Fueling	Incon TS-STS	1/31/2016

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
Waste Oil sump	X	□	□	□		□	□	□	□
UDC 1	X	□	□	□		□	□	□	□
	□	□	□	□		□	□	□	□
	□	□	□	□		□	□	□	□
	□	□	□	□		□	□	□	□
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	□	□	□	□		□	□	□	□
	□	□	□	□		□	□	□	□

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: Philip B Smith Date: 3/3/20

RECEIVED
MAR 19 2015
S.B. CO. FIRE DEPT.

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	X Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	X Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS		Equipment Resolution:.0001"	

	Sump #1 Waste Oil	Sump #	Sump #	Sump #
Sump Diameter:	**41**			
Sump Depth:	**52**			
Sump Material:	**Fiberglass**			
Height from Tank Top to Top of Highest Piping Penetration:	**14**			
Height from Tank Top to Lowest Electrical Penetration:	**15**			
Condition of sump prior to testing:	**Good**			
Portion of Sump Tested[1]	**16**			
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐Yes ☐No X NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Turbine shutdown response time				
Is system programmed for fail-safe shutdown?*	☐Yes ☐No X NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was fail-safe verified to be operational?*	☐Yes ☐No X NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Wait time between applying pressure/vacuum/water and starting test:	**15 minutes**			
Test Start Time:	**2:26/2:42**			
Initial Reading (R_I):	**1.8847/1.8854**			
Test End Time:	**2:41/2:57**			
Final Reading (R_F):	**1.8854/1.8847**			
Test Duration:	**15 min/ 15 min**			
Change in Reading (R_F-R_I):	**.0007/.0007**			
Pass/Fail Threshold or Criteria:	**>.002**			
Test Result:	**X Pass ☐ Fail**	**☐ Pass ☐ Fail**	**☐ Pass ☐ Fail**	**☐ Pass ☐ Fail**
Was sensor removed for testing?	X Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	X Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

7. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer	X Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	X Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS		Equipment Resolution:.0001"	

	UDC #1	UDC #	UDC #	UDC #
UDC Manufacturer:	Bravo			
UDC Material:	Fiberglass			
UDC Depth:	36			
Height from UDC Bottom to Top of Highest Piping Penetration:	19			
Height from UDC Bottom to Lowest Electrical Penetration:	24			
Condition of UDC prior to testing:	Good			
Portion of UDC Tested[1]	21			
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	X Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Turbine shutdown response time	Immediate			
Is system programmed for fail-safe shutdown?*	X Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was fail-safe verified to be operational?*	X Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Wait time between applying pressure/vacuum/water and starting test	15 minutes			
Test Start Time:	4:32/4:48			
Initial Reading (R_I):	7.8878/7.8878			
Test End Time:	4:47/5:03			
Final Reading (R_F):	7.8878/7.8875			
Test Duration:	15 min/ 15 min			
Change in Reading (R_F-R_I):	0/.0003			
Pass/Fail Threshold or Criteria:	>.002			
Test Result:	**X Pass ☐ Fail**	**☐ Pass ☐ Fail**	**☐ Pass ☐ Fail**	**☐ Pass ☐ Fail**
Was sensor removed for testing?	X Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	X Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

PETROTECH SERVICE
TESTING SERVICES
VMC
2400 HIGHLAND
SAN BERNARDINO

03/03/2015 2:41 PM

SUMP LEAK TEST REPORT

PIPING

TEST STARTED	2:26 PM
TEST STARTED	03/03/2015
BEGIN LEVEL	1.8847 IN
END TIME	2:41 PM
END DATE	03/03/2015
END LEVEL	1.8854 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PETROTECH SERVICE
TESTING SERVICES
VMC
2400 HIGHLAND
SAN BERNARDINO

03/03/2015 4:47 PM

SUMP LEAK TEST REPORT

UDC

TEST STARTED	4:32 PM
TEST STARTED	03/03/2015
BEGIN LEVEL	7.8878 IN
END TIME	4:47 PM
END DATE	03/03/2015
END LEVEL	7.8878 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

VMC
2400 HIGHLAND
SAN BERNARDINO

03/03/2015 2:57 PM

SUMP LEAK TEST REPORT

PIPING

TEST STARTED	2:42 PM
TEST STARTED	03/03/2015
BEGIN LEVEL	1.8854 IN
END TIME	2:57 PM
END DATE	03/03/2015
END LEVEL	1.8847 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PETROTECH SERVICE
TESTING SERVICES
VMC
2400 HIGHLAND
SAN BERNARDINO

03/03/2015 5:03 PM

SUMP LEAK TEST REPORT

UDC

TEST STARTED	4:48 PM
TEST STARTED	03/03/2015
BEGIN LEVEL	7.8878 IN
END TIME	5:03 PM
END DATE	03/03/2015
END LEVEL	7.8875 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

Dennis Minnock
PO Box 2182
Victorville, CA 92393
www.crpa.org

RECEIVED
MAR 19 2015
S.B. CO. FIRE DEPT.

LAS VEGAS NV 890
16 MAR 2015 PM 3 L



SAN BERNARDINO CO FIRE DEPT. - HAZ DIV.
620 SOUTH E STREET
SAN BERNARDINO, CA 92415-0153

ATN: ADRIAN SAGUAN

924150153

Vulcan
Materials Company

October 28, 2009

emergency tank

Mr. Greg Beach
Hazardous Materials Division
San Bernardino County FD
620 South E Street
San Bernardino, CA 92415-8460

Dear Mr. Beach,

In regards to your letter of Oct 7, Vulcan Materials Company has decided to request inactivation of the permit for the diesel underground storage tank (UST) located at 2350 W. Highland Ave, San Bernardino, CA, Facility ID # 7904.

We do not plan to use the UST to store fuel anytime in the foreseeable future and are aware of the application and equipment upgrade requirements that would become necessary should we decide to use the tank.

We will continue to lock all access points to the UST and have signs posted that will prevent any accidental filling of the tank.

Please advise on any further action that will need to be taken the inactivate the UST permit.

Please do not hesitate to contact me with any questions.

Sincerely,

John R. Janke
Environmental Specialist
Vulcan Materials Company

CERTIFIED MAIL: 7001 2510 0001 5053 9270

RECEIVED
NOV 02 2009
S.B. CO. FIRE DEPT.

WESTERN DIVISION
P.O. BOX 3098 • SAN DIEGO, CALIFORNIA 92163-3098
TELEPHONE (858) 547-9459 • FAX (858) 530-9493

7 OCTOBER 2009

VULCAN MATERIAL
3200 SAN FERNANDO ROAD
LOS ANGELES, CA 90065

RE: UNDERGROUND STORAGE TANK LOCATED AT 2350 W HIGHLAND AVENUE, SAN BERNARDINO
FA 7904

ATTN: Mr. John Janke

The San Bernardino County Fire Department Hazardous Materials Division (SBCFD) understands that you plan to only use this tank if the normal fuel supply is disrupted.

In order to be able to use this tank for a hazardous substance (fuel) in the future, it must meet the current standards for an Underground Storage Tank (UST) when it is put into service.

At this time, current standards require the UST to meet the Code of California Regulations Title 23 Division 3 Article 3 sections 2630 et al. These regulations are commonly called VPH Standards. VPH stands for monitoring the secondary containment of the UST system by Vacuum, Pressure, or Hydrostatic approved methods. This standard is for all USTs that were put into service after July 1, 2004.

If you were to use the option of removing the tank from being regulated as an UST, it could not be placed into service (allowed to contain fuel) until it had been upgraded to VPH standards. The amount of time required to complete the upgrade would take up to several months to get all the required equipment, permits and certifications and possibly longer if the tank does not pass all of the required tests.

In order to keep the tank unused, but available to for use within a minimal amount of time, the tank would have to be regulated as an UST with the standards that were in place when the UST was originally put into service. Because the UST would not contain fuel, SBCFD would allow a modified monitoring method to keep the UST regulated at original standards.

At a minimum, SBCFD would require the following for the UST:

- Lock all access points
- Post signs to prevent material from being put into the UST
- Complete repairs and retesting on the May 24, 2007 SB 989 failures of the secondary containment
- Keep the UST permits current

- Continue with annual monitoring certifications
- Conduct monthly Designated Operators inspections
- Keep the UST continually electronically monitored
- Conduct SB 989 testing when due (May 2010)
- Keep all required paperwork updated

Meeting the above requirements to keep the UST continually ready for fuel delivery will allow the UST to be immediately put into service for its intended purpose. Keeping the UST maintained and monitored preserves the original date of installation in terms of the applicable regulations and should allow fuel delivery without additional SBCFD approvals or delays from having to go through plan check, pre-startup monitoring certification, or additional maintenance testing. Once the fuel is brought onto the site, you have up to 30 days to update the business emergency/contingency plan to reflect any related changes to inventory.

This alternative leak detection and monitoring plan will meet the requirements of the SBCFD as the Certified Unified Program Agency (CUPA). It does not take the place of approvals from City agencies (e.g. San Bernardino City Fire), Air Quality, Board of Equalization, or other related agencies. Because there may be other requirements for startup and employees are not accustomed to using this UST, the CUPA recommends that the facility create an internal pre-startup checklist as part of the procedures for disruption of fuel supply to ensure a safe and legally compliant use of this UST.

This letter serves to rescind the Notice of Violation dated September 2, 2009. However, the facility will have 30 days to comply with one of two options:

(1) Comply with the above requirements for a regulated UST (including submitting plans for completing repairs from the SB 989 failures), or
(2) Submit a request for the UST permit to be inactivated and submit documentation that the facility does not want the tank to be regulated and therefore cannot be used for the storage of fuel (or hazardous material) until an UST application plan check has been submitted and approved, and the UST has been upgraded to VPH standards, or the applicable standards at the time of application.

If you have any questions, I can be reached at (909) 386-8464, or by email at gbeach@sbcfire.org.

Greg Beach
Hazardous Material Specialist
LOP/UST Section

Vulcan
Materials Company

CalMat Division

ANDY MEEDER
Plant Foreman
San Bernardino, HMA

cell (909) 841-1194
2350 W. HIGHLAND AVENUE • SAN BERNARDINO, CA 92407
OFFICE 909-875-5180 • FAX 909-820-7256

San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

NOTICE OF VIOLATION

Violators Name: Vulcan Materials Western Division
Mailing Address: 2350 W. Highland Ave San Bernardino CA 92407

NOV Date: 9/2/09
FA #: 1904
APN:

An investigation / ~~inspection~~ / file review concerning the property at 2350 W. Highland Ave, San Bernardino CA was made on September 2, 2009. Based on conditions observed:

THE FOLLOWING VIOLATIONS EXIST:

Failure to certify UST (underground storage tanks) annually (23 CCR 2638 or 2641 j)

YOU ARE HEREBY ORDERED TO COMPLY BY:

Hire an ICC certified contractor to perform UST monitoring certification. A representative from County Fire Dept must be present during monitoring certification. Please schedule an inspection with the County Fire Dept

YOU MUST COME INTO COMPLIANCE WITH THE ABOVE ORDER WITHIN 30 days OF RECEIPT OF NOTICE.

FAILURE TO COMPLY WITH THIS ORDER MAY RESULT IN FURTHER ENFORCEMENT ACTION.

The San Bernardino County Fire Department reserves the right to issue an Administrative Enforcement Order or refer this matter to the District Attorney's office for review and prosecution of any or all violations which have occurred regardless of your compliance with this directive.

If you have any questions, contact the Department representative below at (909) 386-8419.

Issued By: Catherine B Richards
Sign Name

Received By: Andy Meeder
Sign Name

Catherine B. Richards
Print Name

Andy Meeder
Print Name

Hazardous Materials Specialist II
Title

Foreman
Title

Form Revised 1/16/2007 *12-14585-670 Rev. 2/07* *DISTRIBUTION: White – File* *Yellow – Facility* *Pink – Department Representative*

ICC # 5263377-UI

4/18
to Linda for Doug's ... Dec ...

San Bernardino County Fire Department
Hazardous Materials Division
Permit Billing Refund Request

Facility / Owner Information

Facility ID: FA7904 Date Requested: 4-18-08

Facility Name: Vulcan Materials Permit #

Address: 2350 W. Highland Ave Permit #

City: San Bdno State: CA Zip: 92407 Permit #

Phone: (909) 875-1150 Permit #

Owner ID: OW1423 Permit #

Owner Name: CAL MAT CO Permit #

Address: 3200 SAN FERNANDO RD Permit #

City: LOS ANGELES State: CA Zip: 90051 Permit #

Phone: (323) 258-2777 Permit #

Payable To: CARBONTECH

Comments: CHECK WAS ISSUED BY: CARBONTECH
7109 BROWNING RD
(SEE ATTACHED) HIGHLAND, CA 92346

Refund Information

Refund Amount $: 715.00 Revenue Fund Code: ~~4110e~~

Program Element: 4110 Receipt No. 43981

Check No. 416

GRC No. 4110

Deposit No.

Justification: TANK HAS NEVER CONTAINED FUEL & IS CONSIDERED TO BE UNREGULATED. FEES WERE SUBMITTED W/ PLANS THAT WERE INTENDED TO MODIFY TANK PIPING SYSTEM TO ENABLE TESTING AS IF IT WAS REGULATED. REFUND OK'D BY INSPECTOR LISA HOLST

Prepared By: Christy Frias Approved By:

A/R Information

Pmt. Voucher ID#: Date Prepared:

Prepared By: Approved By:

CARBONTECH

4/8/08

SAN BERNARDINO COUNTY FIRE DEPARTMENT
OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 S. E STREET
SAN BERNARDINO, CA 92415

ATTENTION: LISA HOLST, R.E.H.S.

FACILITY: VULCAN MATERIALS
ADDRESS: 2350 W. HIGHLAND AVE.

RE: REQUEST FOR REFUND OF PERMIT FEES

LISA,

THIS LETTER SERVES TO REQUEST A REFUND OF THE UNDERGROUND TANK CONSTRUCTION/MODIFICATION APPLICATION FEES WE PAID ON FEB. 28, 2008 (RECEIPTS ATTACHED). IT IS OUR UNDERSTANDING THAT THIS TANK HAS NEVER CONTAINED FUEL AND IS CONSIDERED BY YOUR OFFICE TO BE UNREGULATED. THE FEE WE PAID ACCOMPANIED PLANS THAT WERE INTENDED TO MODIFY THE TANK PIPING SYSTEM TO ENABLE TESTING AS IF IT WAS A REGULATED TANK.

IT IS OUR UNDERSTANDING THAT IF THIS TANK IS EVER TO PLACED INTO SERVICE WE ARE REQUIRED TO SUBMIT PLANS AND OBTAIN APPROVALS FROM YOUR OFFICE PRIOR TO PLACING FUEL INTO THE TANK.

THE CONTRACTOR, PACIFIC SYSTEMS ELECTRIC, WILL POST SIGNAGE AT THE TANK FILL AREA TO ENSURE THAT MATERIALS ARE NOT MISTAKENLY DUMPED INTO THE TANK AND INSTALL A LOCK ON THE FILL CAP. ROUTINE INSPECTIONS WILL ALSO BE PERFORMED.

IF YOU HAVE ANY QUESTIONS, OR REQUIRE ADDITIONAL INFORMATION, PLEASE GIVE ME A CALL.

Greg Roberts

GREG ROBERTS
CARBONTECH

CARBONTECH
7109 BROWNING ROAD - EAST HIGHLAND, CA - OFFICE: 562-756-4675 - FAX: 909-864-3032

SAN BERNARDINO COUNTY FIRE DEPARTMENT
SPECIAL DISTRICTS

RECEIPT 43981

DIVISION HAZ MAT DATE 2-28-08

RECEIVED FROM Carbontech $ 715.00

Seven hundred, fifteen DOLLARS

ESTABLISHMENT / ACCOUNTS / CONTRACT # FA7904

DESCRIPTION	FUND-DEPT-ORG-REVENUE	GRC#	AMOUNT
UST MOD	Vulcan Materials Western Div 2350 W. Highland San Bdno	4110	715.00
	Log # 0228-08-02		
GRAND TOTAL			$ 715.00

PAYMENT TYPE CHECK CHECK # 416

(SIGNATURE) [signature] TITLE CA/II BOOK # 878

01-20802-670 Rev. 4/01

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION — FIELD SERVICES/ENVIRONMENTAL PROTECTION
620 South E Street, San Bernardino, CA 92415-0153

UNDERGROUND TANK CONSTRUCTION/ MODIFICATION APPLICATION

$ 715 First Tank

$ _____ Each Additional Tank

TANK INSTALLATION ☐
PIPING ONLY ☐
MODIFICATION ☑

JOB LOCATION

Vulcan Material — Andy Meeder — (909) 875-1150
Facility Name and Contact Person — Phone No.

2350 W. Highland Ave. — San Bernardino — 92407
Situs Address — City — Zip Code

Fire — Water/Sewer Agency

PROPERTY OWNER

Vulcan Material — (909) 875-1150
Name — Phone No.

2350 W. Highland Ave. — San Bernardino — 92407
Mailing Address — City — Zip Code

Andy Meeder — (909) 875-1150
Owner's Representative — Phone No.

TANK OWNER

Vulcan Material — (909) 875-1150
Name — Phone No.

2350 W. Highland Ave. — San Bernardino — 92407
Mailing Address — City — Zip Code

TANK DATA

Construction	Size	Contents	U.L. Number

CONTRACTOR

Pacific System Electric — Denis Minnick — [redacted] (909) 877-0704
Company Name — Contact Person — Phone No.

38330 Via la Paloma — Murrieta — 92563
Mailing Address — City — Zip Code

[redacted] State Fund — 3014509
Workman's Comp Insurance Carrier — Policy No.

561275 — A-HAZ — 11/30/08
State Contractor's License No. — Types of Licenses — Expiration Date

Michael Cline — (909) 647-3915
Print Name Clearly — Phone

Signature — 2/28/08
Date

OFFICE USE ONLY

New Facility ☐
Permitted Facility ☑ Yes ☐ No
Permits Current ☑ Yes ☐ No

FA7904
Facility ID Number

Number of Tanks: 1

8-31-08
Expiration Date

715.00 — 43981
Permit Fee Paid — / Receipt Number

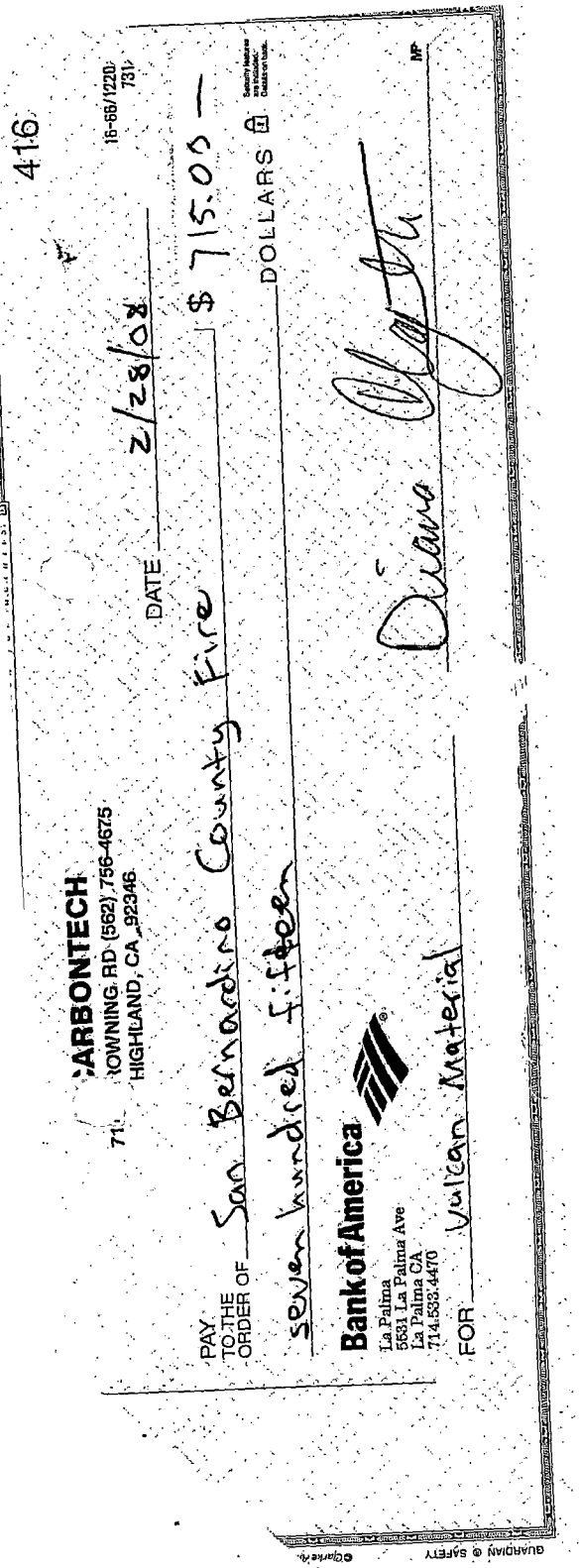
416
Check Number

2-28-08
Date Paid

Kristy Frias
Taken by

A22808-02 — 8996
Log Number — Job Card Number

03 19990 670 Rev. 4/02



SAN BERNARDINO COUNTY FIRE DEPARTMENT
SPECIAL DISTRICTS

RECEIPT 43981

DIVISION HAZ MAT DATE 2-28-08

RECEIVED FROM Carbontech $ 715.00

Seven hundred, fifteen— DOLLARS

ESTABLISHMENT / ACCOUNTS / CONTRACT # FA7904

DESCRIPTION	FUND-DEPT-ORG-REVENUE	GRC#	AMOUNT
UST MOD	Vulcan Materials Western Div 2350 W. Highland San Bdno	4110	715.00
	LOG # 0228-08-02		
GRAND TOTAL			$ 715.00

PAYMENT TYPE CHECK CHECK # 416

(SIGNATURE) [signature] TITLE OA III BOOK # 878

01-20802-670 Rev. 4/01

FA0003939

Vulcan
Materials Company

Western Division

February 19, 2008

San Bernardino County Fire Department - CUPA
Attn.: Underground Storage Tank Division
620 South E Street
San Bernardino, CA 92415-0153

Ref: Financial Responsibility
Calmat Co. DBA Vulcan Materials

Dear Sir or Madam:

Enclosed please find a current Certification of Financial Responsibility for the above referenced company's regulated underground liquid storage tanks (USTs).

If you have any questions, please contact Dwight Beavers at (323) 474-3372.

Respectfully,

Marisol S. Mille for Tony Varisco

Tony Varisco
Regional Environmental Manager

cc: Rick Lopez – Plant Manager at Upland
Matt Branstetter – Plant Manager at San Bernardino

CERTIFIED MAIL: 7006 2150 0003 1321 4119

RECEIVED
FEB 21 2008
S.B. CO. FIRE DEPT.

LLD

3200 SAN FERNANDO ROAD • LOS ANGELES, CALIFORNIA 90065-1415 • TELEPHONE 323 258-2777

State of California
State of Water Resources Control Board
Division of Financial Assistance
P.O. Box 944212
Sacramento, CA 94244-2120
(Instructions on reverse side)

For State Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in Section 2807, Chapter 18, Div. 3, Title 23, CCR:

☐ 500,000 dollars per occurrence or ☒ 1 million dollars per occurrence AND ☐ 1 million dollars annual aggregate or ☒ 2 million dollars annual aggregate

B. CALMAT CO. DBA VULCAN MATERIALS *hereby certifies that it is in compliance with the requirements of*
(Name of Tank Owner or Operator)
California Code of Regulations, Title 23, Division 3, Chapter 18, Article 3, Section 2807.
The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Comp
CERTIFICATE OF INSURANCE	OLD REPUBLIC INSURANCE CO. 4453. MOORLAND RD. BROOKFIELD, WI 53005	MW23 50496	$2,000,000 PER OCCURENCE AND ANNUAL AGGREGATE	1-1-08 TO 1-1-09	YES	YES

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance and shall maintain compliance with all conditions for participation in the Fund. See instructions.

D. Facility Name	Facility Address
SEE ATTACHED EXHIBIT A	
Facility Name	Facility Address
Facility Name	Facility Address

E. Signature of Tank Owner or Operator	Date	Name and Title of Tank Owner or Operator
by Brian W. Ferris	1/25/08	Brian W. Ferris, Vice President
Signature of Witness or Notary	**Date**	**Name of Witness or Notary**
Karen S. Clark	1/25/08	Karen S. Clark

CFR (Revised 08/06) FILE: Original - Local Agency Copies - Facility/Site(s)

RECEIVED
FEB 21 2008
S.B. CO. FIRE DEPT.

CERTIFICATE OF INSURANCE (FEDERAL)

Name: Vulcan Materials Company
[name of each covered location]

Address: See attached Exhibit A
[address of each covered location]

Policy Number: MWZZ 50496

Endorsement (if applicable):

Period of Coverage: [current policy period] 1-1-08 to 1-1-09

Name of Insurer: Old Republic Insurance Company

Address of Insurer: 445 South Moorland Road
Brookfield, WI 53005

Name of Insured: Vulcan Materials Company

Address of Insured: 1200 Urban Center Drive
Birmingham, AL 35242

Certification:

1. Old Republic Insurance Company, the Insurer, as identified above, hereby certifies that it has issued liability insurance covering the following underground storage tank(s):

   See attached Exhibit A

   for taking corrective action and compensating third parties for bodily injury and property damage caused by accidental releases; in accordance with and subject to the limits of liability, exclusions, conditions and other terms of the policy; arising from operating the underground storage tank(s) identified above.

   The limits of liability are $ 2,000,000 each occurrence
   $ 2,000,000 annual aggregate,

   exclusive of legal defense costs, which are subject to a separate limit under the policy.

   This coverage is provided under [policy number] MWZZ 50496 .

   The effective date of said policy is [date] 1-1-08 to 1-1-09 .

2. The Insurer further certifies the following with respect to the insurance described in Paragraph 1:

   a. Bankruptcy or insolvency of the insured shall not relieve the Insurer of its obligations under the policy to which this certificate applies.

b. The Insurer is liable for the payment of amounts within any deductible applicable to the policy to the provider of corrective action or a damaged thirdparty, with a right of reimbursement by the insured for any such payment made by the Insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated under another mechanism or combination of mechanisms as specified in 40 CFR 280.95-280.102.

c. Whenever requested by a Director of an implementing agency, the Insurer agrees to furnish to the Director a signed duplicate original of the policy and all endorsements.

d. Cancellation or any other termination of the insurance by the Insurer, except for nonpayment of premium or misrepresentation by the insured, will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by the insured. Cancellation for nonpayment of premium or misrepresentation by the insured will be effective only upon written notice and only after expiration of a minimum of 10 days after a copy of such written notice is received by the insured.

e. The insurance covers claims otherwise covered by the policy that are reported to the Insurer within six months of the effective date of cancellation or nonrenewal of the policy except where the new or renewed policy has the same retroactive date or a retroactive date earlier than that of the prior policy, and which arise out of any covered occurrence that commenced after the policy retroactive date, if applicable, and prior to such policy renewal or termination date. Claims reported during such extended reporting period are subject to the terms, conditions, limits, including limits of liability, and exclusions of the policy.

I hereby certify that the wording of this instrument is identical to the wording in 40 CFR 280.97(b)(2) and that the Insurer is licensed to transact the business of insurance in one or more states.

Sharon W. Abel

[Signature of authorized representative of Insurer]

Sharon Abel

[Type name]

Assistant Vice President

Authorized Representative of Old Republic Insurance Company

445 S. Moorland Rd., Ste. 300, Brookfield, WI 53005

[Address of Representative]

Exhibit A - Vulcan Materials Company

Facilities with Underground Petroleum Tanks

In accordance with 40CFR Part 280.95

Location Number	Division	Facility Name	Street Address	City	State	Zip Code	Number of Tanks
026	Western	Carroll Canyon	10050 Black Mountain Road	San Diego	CA	92126	1
110	Western 39139	San Bernardino HMA	2340 W. Highland	San Bernardino	CA	92405	1
010	Western 11676	San Bernardino Aggregate	2400 W. Highland	San Bernardino	CA	92405	3
221	Western	Palomar Transit Mix - Escondido	849 W. Washington Ave	Escondido	CA	92025	1
122	Western	Mission Valley HMA	8080 Friars Road	San Diego	CA	92163	1
148	Western	Los Angeles HMA	2715 E. Washington Street	Los Angeles	CA	90023	1
009	Western 11675	Upland	1975 N. Benson Street	Upland	CA	91786	1
009-R	Western 11299	Robertson Ready Mix	1975 N. Benson Street	Upland	CA	91786	1
002	Western	Sun Valley	11401 W. Tuxford Street	Sun Valley	CA	91352	5
004	Western	Little Rock - Palmdale	6851 East Ave.	Little Rock	CA	93543	4

Vulcan
Materials Company

WESTERN DIVISION
3200 SAN FERNANDO ROAD
LOS ANGELES, CALIFORNIA 90065-1415

RETURN SERVICE REQUESTED

CERTIFIED MAIL™

7006 2150 0003 1321 4119

049J82036272
$05.380
02/19/2008
Mailed From 90065
US POSTAGE

San Bernardino County Fire Department - CUPA
Attn.: Underground Storage Tank Division
620 South E Street
San Bernardino, CA 92415-0153

92415$0153

COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIAL DIVISION
620 South "E" St.
San Bernardino, CA 92415-0179
(909) 386-8401 – FAX (909) 386-8460

PAT A DENNEN
Fire Chief
County Fire Warden

September 26, 2007

ANDY MEEDER
CALMAT / VULCAN MATERIALS
2400 WEST HIGHLAND AVE.
SAN BERNARDINO, CA 92407

RE: REPAIRS TO THE FUELING SYSTEM FOR CALMAT/VULCAN MATERIALS AT 2350 HIGHLAND AVENUE, SAN BERNARDINO, CALIFORNIA (Log #062907-01)

The work plan for repairs to the fueling system at the above referenced facility is conditionally approved as corrected. This approval is to install new double walled APT supply and return product piping using the existing piping as chase pipe, and to repair the piping sump riser connection to the tank collar. Please submit an addendum to clarify how you intend to address the corrections made to the plans. The addendum must be submitted and approved prior to your beginning work. Any other repairs or modifications shall be approved prior to start of work.

This tank was installed in 1990 to supply diesel fuel to your generators if the natural gas supply was ever restricted or cut off. You have indicated that this tank has never been used, and may possibly be removed within approximately 2 years. As the tank has never held a hazardous substance it is currently not regulated. Prior to your putting the tank in operation all repairs and upgrades must be completed and pass inspection. In addition, a complete monitoring certification inspection, and SB-989 secondary containment testing must be conducted and passed.

Until the tank is either put into operation or is removed, the Department recommends that you conduct routine inspections of the tank, lock access to the tank, and post signage to assure that materials are not mistakenly dumped into the tank.

All inspections must be requested a minimum of 5 days in advance. Please contact this office at (909) 386-8464 if you have questions, or to schedule an inspection.

Lisa Holst

LISA HOLST, R.E.H.S.
HAZARDOUS MATERIALS SPECIALIST II
HAZARDOUS MATERIALS DIVISION
UST COMPLIANCE / SITE REMEDIATION PROGRAM

LH/cw

cc: Dennis Minnock, Pacific Systems Electric, Inc.

MARK UFFER
County Administrative Officer
NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors
BRAD MITZELFELT First District
PAUL BIANE Chair Second District
DENNIS HANSBERGER Third District
GARY C. OVITT Vice Chair Fourth District
JOSIE GONZALES Fifth District

FA0007904

State of California
State Water Resources Control Board
Division of Clean Water Programs
P.O. Box 944212
Sacramento, CA 94244-2120

For State Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in Section 2807, Chapter 18, Div. 3, Title 23, CCR:

☐ 500,000 dollars per occurrence or ☑ 1 million dollars per occurrence AND ☐ 1 million dollars annual aggregate or ☑ 2 million dollars annual aggregate

B. VULCAN MATERIALS COMPANY (Name of tank Owner or Operator) hereby certifies that it is in compliance with the requirements of Section 2807, Article 3, Chapter 18, Division 3, Title 23, California Code of Regulations.

The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Compensation
SELF-INSURED	VULCAN MATERIALS COMPANY P.O. BOX 385014 BIRMINGHAM, AL 35238-5014	N/A	$1,000,000 PER OCCURANCE AND $2,000,000 ANNUAL AGGREGATE	ANNUAL	YES	YES

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance with all conditions for participation in the Fund.

D. Facility Name	Facility Address
VULCAN MATERIALS CO.	2350 W. HIGHLAND AVE
Facility Name	Facility Address SAN BERNARDINO, CA 92407
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address

E. Signature of Tank Owner or Operator	Date	Name and Title of Tank Owner or Operator
Matt Branstetter	6-7-07	Matt Branstetter Plant Manager
Signature of Witness or Notary	Date	Name of Witness or Notary

Submit original to local UST regulatory agency. Keep a copy at each UST facility.

(Instructions on Reverse)

LLD

RECEIVED
JUN 13 2007
S.B. CO. FIRE DEPT.

Vulcan
Materials Company

April 18, 2005

Letter from Chief Financial Officer:

I am the chief financial officer of Vulcan Materials Company, P. O. Box 385014, Birmingham, Alabama 35238-5014. This letter is in support of the use of the financial test of self-insurance, to demonstrate financial responsibility for taking corrective action and compensating third parties for bodily injury and property damage caused by sudden accidental releases and nonsudden accidental releases in the amount of at least $1,000,000 per occurrence and $2,000,000 annual aggregate arising from operating underground storage tanks.

Underground storage tanks at the following facilities are assured by this financial test or a financial test under an authorized State program by this owner or operator:

See Exhibit A

A financial test is also used by this owner or operator to demonstrate evidence of financial responsibility in the following amounts under other EPA regulations or state programs authorized by EPA under 40 CFR Parts 271 and 145:

EPA Regulations		Amount
Closure (§§ 264.143 and 265.143)	$	3,632,384
Post-Closure Care (§§ 264.145 and 265.145)	$	3,263,706
Liability Coverage (§§ 264.147 and 265.147)	$	8,200,000
Corrective Action (§§ 264.101(b))	$	-0-
Plugging and Abandonment (§§ 144.63)	$	401,888
Closure	$	-0-
Post-Closure Care	$	-0-
Liability Coverage	$	6,838,086
Corrective Action	$	2,192,045
Plugging and Abandonment	$	863,936
Total	$	25,392,045

This owner or operator has not received an adverse opinion, a disclaimer of opinion, or a "going concern" qualification from an independent auditor on his financial statements for the latest completed fiscal year.

Alternative I

1.	Amount of annual UST aggregate coverage being assured by a financial test, and/or guarantee	$ 2,000,000
2.	Amount of correction action, closure and post-closure care costs, liability coverage, and plugging and abandonment costs covered by a financial test, and/or guarantee	$ 25,392,045
3.	Sum of lines 1 and 2	$ 27,392,045
4.	Total tangible assets	$ 2,927,245,000
5.	Total liabilities	$ 1,651,158,000
6.	Tangible net worth	$ 1,276,087,000

		Yes	No
7.	Is line 6 at least $10 million?	X	
8.	Is line 6 at least 10 times line 3?	X	
9.	Have financial statements for the latest fiscal year been filed with the Securities and Exchange Commission?	X	
10.	Have financial statements for the latest fiscal year been filed with the Energy Information Administration?		X
11.	Have financial statements for the latest fiscal year been filed with the Rural Electrification Administration?		X
12.	Has financial information been provided to Dun and Bradstreet, and has Dun and Bradstreet provided a financial strength rating of 4A or 5A?	X	

Alternative II

1.	Amount of annual UST aggregate coverage being assured by a test, and/or guarantee	$ N/A
2.	Amount of corrective action, closure and post-closure care costs, liability coverage, and plugging and abandonment costs covered by a financial test, and/or guarantee	$ N/A
3.	Sum of lines 1 and 2	$ N/A
4.	Total tangible assets	$ N/A
5.	Total liabilities	$ N/A
6.	Tangible net worth	$ N/A
7.	Total assets in the U.S.	$ N/A

		Yes	No
8.	Is line 6 at least $10 million?		N/A
9.	Is line 6 at least 6 times line 3?		N/A
10.	Are at least 90 percent of assets located in the U.S?		N/A
11.	Is line 7 at least 6 times line 3?		N/A

12.	Current assets	$ N/A
13.	Current liabilities	$ N/A
14.	Net working capital	$ N/A

		Yes	No
15.	Is line 14 at least 6 times line 3?		N/A
16.	Current bond rating of most recent bond issue		N/A
17.	Name of rating service		N/A
18.	Date of maturity of bond		N/A
19.	Have financial statements for the latest fiscal year been filed with the SEC, the Energy Information Administration, or the Rural Electrification Administration?		N/A

I hereby certify that the wording of this letter is identical to the wording specified in 40 CFR Part 280.95(d) as such regulations were constituted on the date shown immediately below.

Signature: Mark Tomkins

Name: Mark Tomkins

Title: Vulcan Materials Company
Executive Vice President, Finance and Administration

Date: April 18, 2005

CERTIFICATION OF FINANCIAL RESPONSIBILITY

Vulcan Materials Company hereby certifies that it is in compliance with the requirements of Subpart H of 40 CFR Part 280.

The financial assurance mechanism used to demonstrate financial responsibility under Subpart H of 40 CFR Part 280 is as follows:

Financial test of self-insurance providing for coverage in the amount of $27,392,045 for the year 2005. This test covers taking corrective action and compensating third parties for bodily injury and property damage caused by accidental releases.

Signature: Mark Tomkins

Name: Mark Tomkins

Title: Vulcan Materials Company
Executive Vice President, Finance and Administration

Date: April 18, 2005

NOTARY:

Signature: Angela M. Moreland

Name: Angela M. Moreland

Date: April 18, 2005

My commission expires Commission Expires November 14, 2007

The owner or operator must update this certification whenever the financial insurance mechanism used to demonstrate financial responsibility changes.

Exhibit A - Page 1 of 2

Vulcan Materials Company

Facilities with Underground Petroleum Tanks
Assured by Financial Test of Self-Insurance

In accordance with Part 280.95 of the
Resource Conservation and Recovery Act

CORPORATE:

Facility Name	Address
Flight Services	4110 65th Street North Birmingham, AL 35206

CHEMICALS DIVISION:

Facility Name	Address
Wichita Plant	6200 South Ridge Road Wichita, KS 67215

Vulcan Construction Materials, LP

MIDEAST DIVISION:

Facility Name	Address
Graham-Virginia Quarry	10000 Ox Road Lorton, VA 22079

MIDWEST DIVISION:

Facility Name	Address
Elk Grove Recycle Center	1520 Midway Court Elk Grove Village, IL 60007

SOUTHERN DIVISION:

Facility Name	Address
Reed Quarry	947 US Hwy 62 Grand Rivers, KY 42045

WESTERN:

Facility Name	Address
Palmdale	6851 East Ave. Littlerock, CA 93543
San Bernardino	2400 West Highland San Bernardino, CA 92405
Saticoy HMA	6029 Vineyard Ave. Oxnard, CA 93030
Sun Valley	11401 W. Tuxford Street Sun Valley, CA 91352
Upland	1975 N. Benson Street Upland, CA 91786
Carroll Canyon	10050 Black Mountain Road San Diego, CA 92126
Mission Valley	8080 Friars Road San Diego, CA 92163
San Bernardino HMA	2340 W. Highland San Bernardino, CA 92405
Los Angeles HMA	2715 E. Washington Street Los Angeles, CA 90023
Escondido	849 W. Washington Ave. Escondido, CA 92025

UNDERGROUND STORAGE TANK

RESPONSE PLAN – PAGE 1

(One form per facility)

TYPE OF ACTION ☒ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION R01.

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* ---|---|---|—|---|---|---|—|---|---|---|---|.|---|---

BUSINESS NAME (Same as FACILITY NAME) R02.

Vulcan Materials Company

BUSINESS SITE ADDRESS R03. | CITY R04.

2350 W. Highland Ave | San Bernardino

II. SPILL CONTROL AND CLEANUP METHODS

This plan addresses unauthorized releases from UST systems and supplements the emergency response plans and procedures in the facility's Hazardous Materials Business Plan.

- If safe to do so, facility personnel will take immediate measures to control or stop any release (e.g., activate pump shut-off, etc.) and, if necessary, safely remove remaining hazardous material from the UST system.
- Any release to secondary containment will be pumped or otherwise removed within a time consistent with the ability of the secondary containment system to contain the hazardous material, but not greater than 30 calendar days, or sooner if required by the local agency. Recovered hazardous materials, unless still suitable for their intended use, will be managed as hazardous waste.
- Absorbent material will be used to contain and clean up manageable spills of hazardous materials. Absorbent material may be reused until it becomes too saturated to be effective. It will then be managed properly. Used absorbent material, reusable or waste, will be stored in a properly labeled and sealed container.
- Facility personnel will determine whether any water removed from secondary containment systems, or from clean-up activity, has been in contact with any hazardous material. If the water is contaminated, it will be managed as hazardous waste. If the water has a petroleum sheen (i.e., rainbow colors), it is contaminated. A thick floating petroleum layer may not necessarily display rainbow colors. Water (hazardous or non-hazardous) from sumps, spill containers, etc. will not be disposed to storm water systems.
- We will review secondary containment systems for possible deterioration if any of the following conditions occur:
  1. Hazardous material in contact with secondary containment is not compatible with the material used for secondary containment;
  2. Secondary containment is prone to damage from any equipment used to remove or clean up hazardous material collected in secondary containment;
  3. Hazardous material, other than the product/waste stored in the primary containment system, is placed inside secondary containment to treat or neutralize released product/waste, and the added material or resulting material from such a combination is not compatible with secondary containment.

III. SPILL CONTROL AND CLEAN-UP EQUIPMENT

PERIODIC MAINTENANCE: Spill control and clean-up equipment kept permanently on-site is listed in the facility's Hazardous Materials Business Plan. This equipment is inspected at least monthly, and after each use, supplies are replenished as needed. Defective equipment is repaired or replaced as necessary.

EQUIPMENT NOT PERMANENTLY ON-SITE, BUT AVAILABLE FOR USE IF NEEDED: (Complete only if applicable)

EQUIPMENT	LOCATION	AVAILABILITY
R10.	R20.	R30.
R11.	R21.	R31.
R12.	R22.	R32.
R13.	R23.	R33.
R14.	R24.	R34.
R15.	R25.	R35.

IV. RESPONSIBLE PERSONS

THE FOLLOWING PERSON(S) IS/ARE RESPONSIBLE FOR AUTHORIZING ANY WORK NECESSARY UNDER THIS RESPONSE PLAN:

NAME	TITLE
R40. Matt Branstetter	R50. Plant Manager
R41. Floyd Sibok	R51. Plant Supervisor
R42. Scott Bevan	R52. Plant Supervisor
R43.	R53.

V. INDIRECT HAZARD DETERMINATION

This information is required only when the presence of the hazardous substance can not be verified directly by the monitoring method used (e.g., where liquid level measurements in a tank annular space or secondary piping are used as the basis for leak determination).

THE FOLLOWING STEPS WILL BE TAKEN TO VERIFY THE PRESENCE OR ABSENCE OF HAZARDOUS SUBSTANCE IN THE SECONDARY CONTAINMENT IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE:

Pacific Systems Elec. will be contacted to handle the release properly. R60.

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UNDERGROUND STORAGE TANK

MONITORING PLAN – PAGE 1

TYPE OF ACTION ☒ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION M01.

PLAN TYPE (Check one item only) ☒ MONITORING IS IDENTICAL FOR ALL USTs AT THIS FACILITY. M02.
☐ THIS PLAN COVERS ONLY THE FOLLOWING UST SYSTEM(S): _____

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* | | | | – | | | | – | | | | | | | |

BUSINESS NAME (Same as FACILITY NAME) Vulcan Materials Company M03.

BUSINESS SITE ADDRESS 2350 W. Highland Ave M04. CITY San Bernardino M05.

II. EQUIPMENT TESTING AND PREVENTIVE MAINTENANCE

State law requires that testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors, probes, line leak detectors, etc.) be performed at the frequency specified by the equipment manufacturers' instructions, or annually, whichever is more frequent, and that such work must be performed by qualified personnel.

MONITORING EQUIPMENT IS SERVICED ☒ 1. ANNUALLY M06. ☐ 99. OTHER (Specify): _____ M07.

III. MONITORING LOCATIONS

This monitoring plan must include a Site Plan showing the general tank and piping layouts and the locations where monitoring is performed (i.e., location of each sensor, line leak detector, monitoring system control panel, etc.). If you already have a diagram (e.g., current UST Monitoring Site Plan from a Monitoring System Certification form, Hazardous Materials Business Plan map, etc.) which shows all required information, include it with this plan.

IV. TANK MONITORING

MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S): (Check all that apply) M10.

☐ 1. CONTINUOUS ELECTRONIC MONITORING OF TANK ANNULAR (INTERSTITIAL) SPACE(S) OR SECONDARY CONTAINMENT VAULT(S)

SECONDARY CONTAINMENT IS: ☒ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. VACUUM M11.

PANEL MANUFACTURER: Ronan M12. MODEL #: X76-S M13.

LEAK SENSOR MANUFACTURER: Ronan M14. MODEL #(S): LS-3 M15.

☐ 2. AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR SINGLE WALL TANK(S)

PANEL MANUFACTURER: _____ M16. MODEL #: _____ M17.

IN-TANK PROBE MANUFACTURER: _____ M18. MODEL #(S): _____ M19.

LEAK TEST FREQUENCY: ☐ a. CONTINUOUS ☐ b. DAILY/NIGHTLY ☐ c. WEEKLY M20.
☐ d. MONTHLY ☐ e. OTHER (Specify): _____ M21.

PROGRAMMED TESTS: ☐ a. 0.1 g.p.h. ☐ b. 0.2 g.p.h. ☐ c. OTHER (Specify): _____ M22. M23.

☐ 3. INVENTORY RECONCILIATION ☐ a. MANUAL PER 23 CCR §2646 ☐ b. STATISTICAL PER 23 CCR §2646.1 M24.

☐ 4. WEEKLY MANUAL TANK GAUGING (MTG) PER 23 CCR §2645

TESTING PERIOD: ☐ a. 36 HOURS ☐ b. 60 HOURS M25.

☐ 5. INTEGRITY TESTING PER 23 CCR §2643.1

TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. BIENNIALLY ☐ c. OTHER (Specify): _____ M26. M27.

☐ 6.VISUAL MONITORING: ☐ a. DAILY ☐ b. WEEKLY

☐ 99. OTHER (Specify): _____ M28.

V. PIPE MONITORING

MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply) M30.

☒ 1. CONTINUOUS MONITORING OF PIPING SUMP(S)/TRENCH(ES) AND OTHER SECONDARY CONTAINMENT

SECONDARY CONTAINMENT IS: ☒ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. VACUUM M31.

PANEL MANUFACTURER: Ronan M32. MODEL #: X76-S M33.

LEAK SENSOR MANUFACTURER: Ronan M34. MODEL #(S): LS-3 M35.

WILL A PIPING LEAK ALARM TRIGGER AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN? ☐ a. YES ☐ b. NO M36.

WILL FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGER AUTOMATIC PUMP SHUTDOWN? ☐ a. YES ☐ b. NO M37.

☐ 2. MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS AND RESTRICTS OR SHUTS OFF PRODUCT FLOW WHEN A LEAK IS DETECTED

MLLD MANUFACTURER(s): _____ M38. MODEL #(S): _____ M39.

☐ 3. ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS

ELLD MANUFACTURER(s): _____ M40. MODEL #(S): _____ M41.

PROGRAMMED IN LINE TESTING: ☐ a. MINIMUM MONTHLY 0.2 g.p.h. ☐ b. MINIMUM ANNUAL 0.1 g.p.h. M42.

WILL ELLD DETECTION OF A PIPING LEAK TRIGGER AUTOMATIC PUMP SHUTDOWN? ☐ a. YES ☐ b. NO M43.

WILL ELLD FAILURE/DISCONNECTION TRIGGER AUTOMATIC PUMP SHUTDOWN? ☐ a. YES ☐ b. NO M44.

☐ 4. INTEGRITY TESTING

TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. EVERY 3 YEARS ☐ c. OTHER (Specify) _____ M45. M46.

☐ 5. VISUAL MONITORING: ☐ a. DAILY ☐ b. WEEKLY ☐ c. MIN. MONTHLY & EACH TIME SYSTEM OPERATED* M47.

* Allowed for monitoring of unburied emergency generator fuel piping only per HSC §25281.5(b)(3)

☒ 6. SUCTION PIPING MEETS EXEMPTION CRITERIA PER 23 CCR §2636(a)(3)

☐ 7. NO PRODUCT OR REMOTE FILL PIPING IS CONNECTED TO THE UST(s)

☐ 99. OTHER (Specify) _____ M48.

UNDERGROUND STORAGE TANK

MONITORING PLAN – PAGE 2

VI. DISPENSER MONITORING

MONITORING OF AREAS BENEATH DISPENSER(S) IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply) M50.

☐ 1. CONTINUOUS MONITORING OF UNDER DISPENSER CONTAINMENT (UDC)

PANEL MANUFACTURER: _____ M51. MODEL #: _____ M52.

LEAK SENSOR MANUFACTURER: _____ M53. MODEL #(S): _____ M54.

WILL DETECTION OF A LEAK IN THE UDC TRIGGER AUDIBLE AND VISUAL ALARMS? ☐ a. YES ☐ b. NO M55.

WILL A UDC LEAK ALARM TRIGGER AUTOMATIC PUMP SHUTDOWN? ☐ a. YES ☐ b. NO M56.

WILL FAILURE/DISCONNECTION OF UDC MONITORING SYSTEM TRIGGER AUTOMATIC PUMP SHUTDOWN? ☐ a. YES ☐ b. NO M57.

☐ 2. MECHANICAL CONTINUOS MONITORING (e.g., FLOAT AND CHAIN ASSEMBLY) IN UDC TRIPS SHEAR VALVE IN CASE OF LEAK

MANUFACTURER: _____ M58. MODEL #(S): _____ M59.

☐ 3.VISUAL MONITORING DONE: ☐ a. DAILY ☐ b. WEEKLY M60.

☒ 4. NO DISPENSERS

☐ 99. OTHER (Specify) _____ M61.

VII. ENHANCED LEAK DETECTION

☐ 1. WE HAVE BEEN NOTIFIED BY THE STATE WATER RESOURCES CONTROL BOARD THAT WE MUST PERFORM ENHANCED LEAK DETECTION (ELD) FOR THE UST(S) COVERED BY THIS PLAN. PER 23 CCR §2644.1, ELD IS PERFORMED EVERY 36 MONTHS AS REQUIRED M70.

VIII. TRAINING

REFERENCE DOCUMENTS MAINTAINED AT FACILITY (Check all that apply) M80.

1. ☒ THIS UNDERGROUND STORAGE TANK MONITORING PLAN **(Required)**
2. ☒ OPERATING MANUALS FOR ELECTRONIC MONITORING EQUIPMENT **(Required)**
3. ☒ THE FACILITY'S BEST MANAGEMENT PRACTICES **(Required as of January 1, 2005)**
4. ☐ CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS
5. ☐ CALIFORNIA UNDERGROUND STORAGE TANK LAW
6. ☐ STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION: "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION"
7. ☐ SWRCB PUBLICATION: "WEEKLY MANUAL TANK GAUGING FOR SMALL UNDERGROUND STORAGE TANKS"
99. ☐ OTHER (Specify): M81.

Personnel with UST monitoring responsibilities are familiar with all of the above documents relevant to their job duties and can access those documents when needed. By January 1, 2005, this facility will have a "Designated UST Operator" who has passed the California UST Sytem Operator Exam administered by the International Code Council (ICC). By July 1, 2005, and annually thereafter, the "Designated UST Operator" will train facility employees in the proper operation and maintenance of the UST systems. This training will include, but is not limited to, the following:

- Operation of the UST systems in a manner consistent with the facility's best management practices.
- The facility employee's role with regard to the leak detection equipment.
- The facility employee's role with regard to spills and overfills.
- Whom to contact for emergencies and leak detection alarms.

For facility employees hired on or after July 1, 2005, the initial training will be conducted within 30 days of the date of hire.

IX. COMMENTS/ADDITIONAL INFORMATION

Please use this section to include any additional UST system monitoring-related information (e.g., additional information required by your local agency): M85.

X. PERSONNEL RESPONSIBILITIES

AS OF JANUARY 1, 2005, THE "DESIGNATED UST OPERATOR" IDENTIFIED IN SECTION III OF THE CURRENT UST OPERATING PERMIT APPLICATION – FACILITY FORM WILL HAVE ULTIMATE AUTHORITY FOR PERFORMING THE MONITORING ACTIVITIES AND MAINTAINING LEAK DETECTION EQUIPMENT COVERED BY THIS PLAN TITLE 23 CCR § 2715(c), AND WILL PERFORM AND DOCUMENT MINIMUM MONTHLY VISUAL INSPECTIONS OF THE FACILITY'S UST SYSTEMS IN ACCORDANCE WITH TITLE 23 CCR § 2715(c).

XI. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	REPRESENTING	DATE: M91.
Matt Branstetter	☐ Owner ☒ Operator M90.	5.31.07
OWNER/OPERATOR NAME (print): M92.		OWNER/OPERATOR TITLE: M93.
Matt Branstetter		Plant Manager

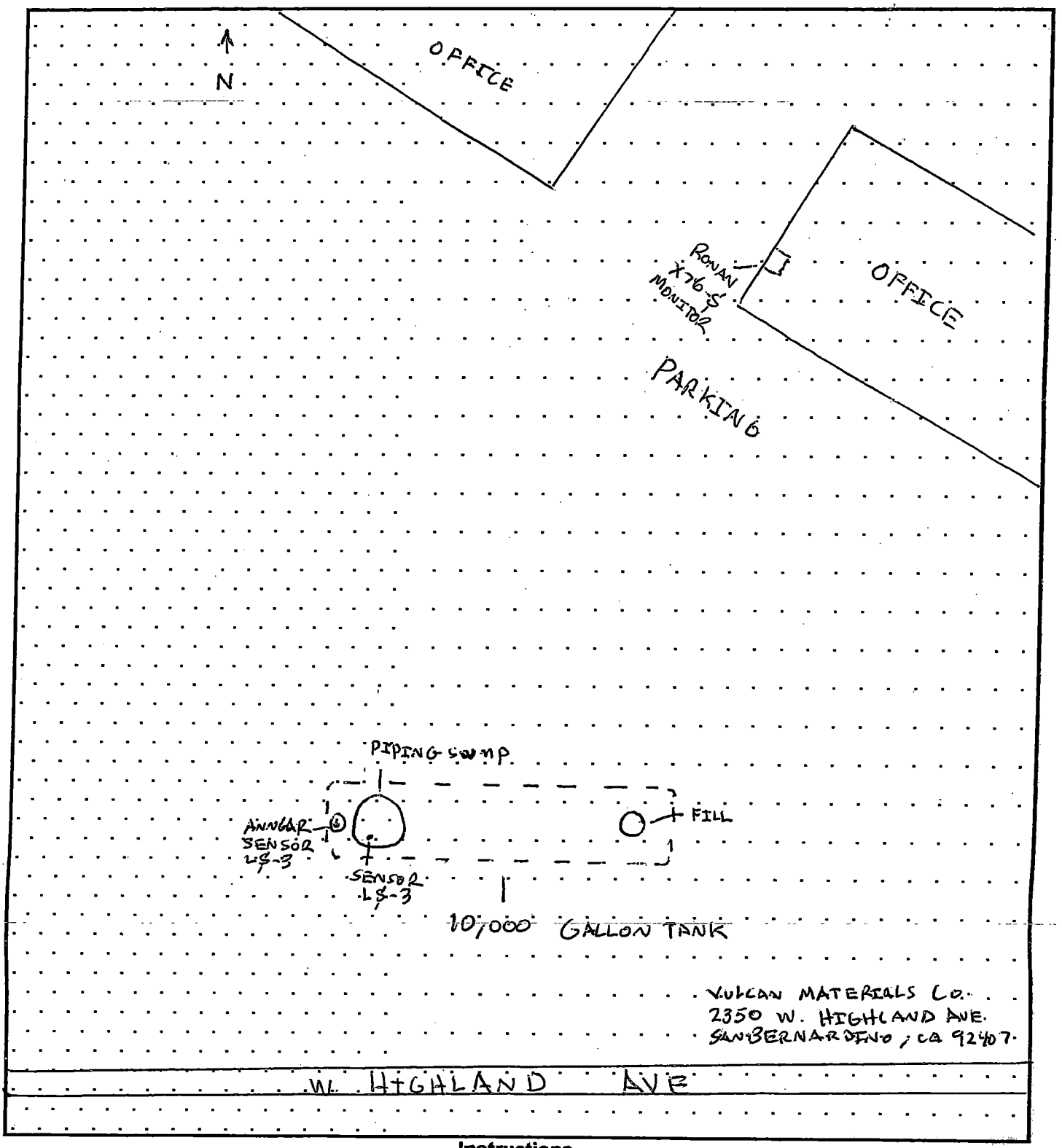
(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

Comments/Special Conditions: _____

Vulcan Materials Company

UST Monitoring Site Plan



Instructions

On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

Date map was drawn or revised: 5/31/07

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620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only): [X] 1. NEW SITE PERMIT [ ] 3. RENEWAL PERMIT [ ] 4. AMENDED PERMIT (Specify reason - for local use only) [ ] 5. CHANGE OF INFORMATION (Specify change - for local use only) [ ] 6. TEMPORARY SITE CLOSURE [ ] 7. PERMANENTLY CLOSED ON SITE [ ] 8. TANK REMOVED 430

FACILITY ID # 3 6 0 0 1 1

BUSINESS NAME (Same as FACILITY NAME or DBA) 3: Vulcan Materials Company

BUSINESS ADDRESS: 2350 W. Highland Ave.

CITY: San Bernardino

ZIP CODE:

LOCATION WITHIN SITE (Optional) 431:

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 432: 1

TANK MANUFACTURER 433: Modern Welding

COMPARTMENTALIZED TANK 434: [ ] Yes [X] No
If "Yes", complete one page for each compartment.

DATE INSTALLED (YEAR/MO) 435:

TANK CAPACITY IN GALLONS 436: 10,000 gallons

NUMBER OF COMPARTMENTS 437: 0

ADDITIONAL DESCRIPTION 438:

II. TANK CONTENTS

TANK USE 439:
[ ] 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
[ ] 2. NON-FUEL PETROLEUM
[ ] 3. CHEMICAL PRODUCT
[ ] 4. HAZARDOUS WASTE (Includes Used Oil)
[ ] 95. UNKNOWN

PETROLEUM TYPE 440:
[ ] 1a. REGULAR UNLEADED [ ] 2. LEADED [ ] 5. JET FUEL
[ ] 1b. PREMIUM UNLEADED [ ] 3. DIESEL [ ] 6. AVIATION FUEL
[ ] 1c. MID-GRADE UNLEADED [ ] 4. GASOHOL [X] 99. OTHER Tank is not used

Tank has never been used.

COMMON NAME (from Hazardous Materials Inventory page) 441:

CAS # (from Hazardous Materials Inventory page) 442:

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443:
[ ] 1. SINGLE WALL [X] 2. DOUBLE WALL [ ] 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER [ ] 4. SINGLE WALL IN A VAULT [ ] 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM [ ] 95. UNKNOWN [ ] 99. OTHER

TANK MATERIAL - primary tank (Check one item only) 444:
[X] 1. BARE STEEL [ ] 2. STAINLESS STEEL [ ] 3. FIBERGLASS / PLASTIC [ ] 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) [ ] 5. CONCRETE [ ] 8. FRP COMPATIBLE W/100% METHANOL [ ] 95. UNKNOWN [ ] 99. OTHER

TANK MATERIAL - secondary tank (Check one item only) 445:
[ ] 1. BARE STEEL [ ] 2. STAINLESS STEEL [X] 3. FIBERGLASS / PLASTIC [ ] 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) [ ] 5. CONCRETE [ ] 8. FRP COMPATIBLE W/100% METHANOL [ ] 9. FRP NON-CORRODIBLE JACKET [ ] 10. COATED STEEL [ ] 95. UNKNOWN [ ] 99. OTHER

TANK INTERIOR LINING OR COATING (Check one item only) 446:
[ ] 1. RUBBER LINED [ ] 2. ALKYD LINING [ ] 3. EPOXY LINING [ ] 4. PHENOLIC LINING [ ] 5. GLASS LINING [ ] 6. UNLINED [ ] 95. UNKNOWN [ ] 99. OTHER
DATE INSTALLED 447: (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply) 448:
[ ] 1. MANUFACTURED CATHODIC PROTECTION [ ] 2. SACRIFICIAL ANODE [ ] 3. FIBERGLASS REINFORCED PLASTIC [ ] 4. IMPRESSED CURRENT [ ] 95. UNKNOWN [ ] 99. OTHER
DATE INSTALLED 449: (For local use only)

SPILL AND OVERFILL (Check all that apply):
YEAR INSTALLED 450 / TYPE (For local use only) 451
[X] 1. SPILL CONTAINMENT
[X] 2. DROP TUBE
[ ] 3. STRIKER PLATE

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452:
[ ] 1. ALARM
[X] 2. BALL FLOAT
[ ] 3. FILL TUBE SHUT OFF VALVE
[ ] 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): 453
[ ] 1. VISUAL (EXPOSED PORTION ONLY)
[ ] 2. AUTOMATIC TANK GAUGING (ATG)
[ ] 3. CONTINUOUS ATG
[ ] 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
[ ] 5. MANUAL TANK GAUGING (MTG)
[ ] 6. VADOSE ZONE
[ ] 7. GROUNDWATER
[ ] 8. TANK TESTING
[ ] 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): 454
[ ] 1. VISUAL (SINGLE WALL IN VAULT ONLY)
[X] 2. CONTINUOUS INTERSTITIAL MONITORING
[ ] 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) 455:

ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456: _____ gallons

TANK FILLED WITH INERT MATERIAL? 457: [ ] Yes [ ] No

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S.B. CO. FIRE DEPT.

Revised 6/11/2002

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620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANKS - FACILITY

TYPE OF ACTION (Check one item only) [X] 1. NEW SITE PERMIT [ ] 3. RENEWAL PERMIT [ ] 5. CHANGE OF INFORMATION (Specify change - local use only)_____ [ ] 7. PERMANENTLY CLOSED SITE [ ] 4. AMENDED PERMIT [ ] 6. TEMPORARY SITE CLOSURE [ ] 8. TANK REMOVED 400

I. FACILITY / SITE INFORMATION

FACILITY ID # 3 6 0 0 1 1

SITE NAME (Same as FACILITY NAME or DBA) 3: Vulcan Materials Company

BUSINESS ADDRESS: 2350 W. Highland Ave

CITY: San Bernardino

ZIP CODE: 92407

NEAREST CROSS STREET 401:

BUSINESS TYPE: [ ] 1. GAS STATION [ ] 3. FARM [X] 5. COMMERCIAL [ ] 2. DISTRIBUTOR [ ] 4. PROCESSOR [ ] OTHER 403

FACILITY OWNER TYPE: [X] 1. CORPORATION [ ] 2. INDIVIDUAL [ ] 3. PARTNERSHIP [ ] 4. LOCAL AGENCY/DISTRICT* [ ] 5. COUNTY AGENCY* [ ] 6. STATE AGENCY* [ ] 7. FEDERAL AGENCY* 402

TOTAL NUMBER OF TANKS ON SITE: 1 404

Is facility on Indian Reservation or trustlands? [ ] Yes [X] No 405

*If owner of UST is a public agency: name of supervisor of division, section or office which operates the UST. (This is the contact person for the tank records) 406:

II. TANK OPERATOR INFORMATION

TANK OPERATOR NAME 407: Vulcan Materials Co.

PHONE 408: (909) 875-1150

MAILING OR STREET ADDRESS 409: 2350 W. Highland Ave.

CITY 410: San Bernardino

STATE 411: CA

ZIP CODE 412: 92407

TANK OPERATOR TYPE: [X] 1. CORPORATION [ ] 2. INDIVIDUAL [ ] 3. PARTNERSHIP [ ] 4. LOCAL AGENCY / DISTRICT [ ] 5. COUNTY AGENCY [ ] 7. STATE AGENCY [ ] 8. FEDERAL AGENCY 413

III. TANK OWNER INFORMATION

TANK OWNER NAME 414: Vulcan Materials Co

PHONE 415:

MAILING OR STREET ADDRESS 416: Vulcan Materials Co. 2350 W. Highland Ave

CITY 417: San Bernardino

STATE 418: CA

ZIP CODE 419: 92407

TANK OWNER TYPE: [X] 1. CORPORATION [ ] 2. INDIVIDUAL [ ] 3. PARTNERSHIP [ ] 4. LOCAL AGENCY / DISTRICT [ ] 5. COUNTY AGENCY [ ] 7. STATE AGENCY [ ] 8. FEDERAL AGENCY 420

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44-011153 Call (916) 322 - 9669 if questions arise 421

V. PETROLEUM UST FINANCIAL RESPONSIBILITY

INDICATE METHOD(S): [X] 1. SELF-INSURED [ ] 2. GUARANTEE [ ] 3. INSURANCE [ ] 4. SURETY BOND [ ] 5. LETTER OF CREDIT [ ] 6. EXEMPTION [X] 7. STATE FUND [X] 8. STATE FUND & CFO LETTER [ ] 9. STATE FUND & CD [ ] 10. LOCAL GOV'T MECHANISM [ ] 99. OTHER:_____ 422

VI. LEGAL NOTIFICATION AND MAILING ADDRESS

Check one box to indicate which address should be used for legal notifications and mailing. Legal notifications and mailings will be sent to the tank owner ONLY, unless box 1 or 2 is checked. [ ] 1. FACILITY [ ] 2. PROPERTY OWNER [ ] 3. TANK OWNER 423

VII. APPLICANT SIGNATURE

Certification: I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF APPLICANT: Matt Branstetter

DATE 424: 5.31.07

PHONE 425: 909.875.1150 ext.226

NAME OF APPLICANT (print) 426: Matt Branstetter

TITLE OF APPLICANT 427: Plant Manager

STATE UST FACILITY NUMBER (For local use only) 428:

1998 UPGRADE CERTIFICATE NUMBER (For local use only) 429:

..Attached,

Please find the cupa forms for Vulcan Materials Co. @ 2350 W. Highland Ave. If you have any questions, feel free to contact me @ 714 240 3674

John Minnock
DTO
Pacific Systems Elec.

FA0007904

SECONDARY CONTAINMENT TESTING REPORT FORM

Pacific Systems Electric, Inc.

Murrieta California 92563
California State License No. 561275
Servicing the Petroleum Industry Since 1989

RECEIVED
JUN 05 2007
S.B. CO. FIRE DEPT.

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the local implementing agency.

1. FACILITY INFORMATION

Facility Name: Vulcan Materials Company	Asphalt Plant	Date of Testing:	May 24, 2007
Facility Address: 2350 W. Highland Ave.	San Bernardino, CA 92407		**Test Type:**
Facility Contact: Andy Meeder	Phone: 909-875-5180		☐ Retest
Date Local Agency Was Notified of Testing : May 15, 2007			☐ 6 month
Name of Local Agency Inspector *(if present during testing)*: No			☑36 month

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric, Inc.	
Technician Conducting Test:	William Madsen	
Credentials:	☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester
License Type:	A-General Engineering	License Number: 561275, ICC #5263306-UT

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
International Code Council	California UST Service Technician	July 8th 2007
Franklin Fueling Systems	Electronic Training Certificate	3/11/2008
S. Bravo Systems Inc.	Gold Certified/ Testing Contractor	8/23/2007
OPW	EVR phase I	6/26/08

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
Diesel Annular	☑	☐	☐	☐		☐	☐	☐	☐
Diesel Piping Sump	☐	☐	☑	☐		☐	☐	☐	☐
Secondary Feed line	☐	☐	☑	☐		☐	☐	☐	☐
Secondary Return Line	☐	☐	☑	☐		☐	☐	☐	☐
Diesel Spill Bucket	☑	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:
Test water was pumped into (0) -55 Gallon drums, labeled as Hazardous Waste, and left with tank owner for proper disposal.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: William Madsen Date: 5-24-07

4. TANK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐Pressure	☑Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Vacuum Gauge, Venturi Pump		Equipment Resolution: +/- .25%	

	Tank # Diesel	**Tank #**	**Tank #**	**Tank #**
Is Tank Exempt From Testing?[1]	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No
Tank Capacity:	10,000 gal			
Tank Material:	Fiberglass/Steel			
Tank Manufacturer:	Modern Welding			
Product Stored:	None			
Wait time between applying pressure/vacuum/water and starting test:	15 Min			
Test Start Time:	10:00am			
Initial Reading (R_I):	10"vac			
Test End Time:	11:00am			
Final Reading (R_F):	10"vac			
Test Duration:	1.0 Hr.			
Change in Reading (R_F-R_I):	0			
Pass/Fail Threshold or Criteria:	Zero Loss			
Test Result:	☑ **Pass** ☐**Fail**	☐ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, & recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. {California

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☑ Pressure	☐ Vacuum	☐Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Gauge, Nitrogen Gas		Equipment Resolution: + / - .5%	

	Piping Run # Feed	**Piping Run # Return**	**Piping Run #**	**Piping Run #**
Piping Material:	Fiberglass	Fiberglass		
Piping Manufacturer:	A.O. Smith	A.O. Smith		
Piping Diameter:	3"/2"	3"/2"		
Length of Piping Run:	20'	20'		
Product Stored:	None	None		
Method and location of piping-run isolation:	Test Boot	Test Boot		
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min		
Test Start Time				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:	1.0	1.0		
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss		
Test Result:	☐ **Pass** ☑**Fail**	☐ **Pass** ☑ **Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Unable to seal piping termination at output end of piping to test. Piping is not connected or in the vicinity of any type of pumping device.

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer	☐ Other *(Specify)*
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic	☐ Other *(Specify)*
Test Equipment Used: Incon TS-STS Sump Testing System			Equipment Resolution: 000.0000"	

	Sump # Diesel	Sump #	Sump #	Sump #
Sump Diameter:	42"			
Sump Depth:	32"			
Sump Material:	Fiberglass			
Height from Tank Top to Top of Highest Piping Penetration:	12"			
Height from Tank Top to Lowest Electrical Penetration:	15"			
Condition of sump prior to testing:	Bad			
Portion of Sump Tested[2]	0"			
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Turbine shutdown response time	Sec	Sec	Sec	Sec
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Wait time between applying pressure/vacuum/water and starting test:	15 Min			
Test Start Time:				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:	2 / 15 Minutes			
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:	No Loss > .002"			
Test Result:	☐ **Pass** ☑**Fail**	☐ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Sump wall to tank collar area requires sealing.

[2] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA" the entire sump must be tested. (See SWRCB LG-160)

7. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐				
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer	☐ Industry Standard	☐ Professional Engineer	☐ Other *(Specify)*
Test Method Used:	☐ Pressure	☐ Vacuum	☐Hydrostatic	☐ Other *(Specify)*
Test Equipment Used:		Equipment Resolution:		

	Spill Box #	Spill Box #	Spill Box #	Spill Box #
Bucket Diameter:	12"			
Bucket Depth:	12"			
Wait time between applying pressure/vacuum/water and starting test:	15 min			
Test Start Time:	2:19pm/2:35pm			
Initial Reading (R_I):	2.6930/2.6920			
Test End Time:	2:34pm/2:50pm			
Final Reading (R_F):	2.6924/2.6920			
Test Duration:	1.0 hr.			
Change in Reading (R_F-R_I):	.0006/.0000			
Pass/Fail Threshold or Criteria:	0			
Test Result:	☑ **Pass** ☐**Fail**	☐ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Completed Form Sent To
Local Implementing Agency
By
Pacific Systems Electric

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VOLCAN SAN BERNARDINO
2350 HIGHLAND AVE

05/24/2007 2:35 PM

SUMP LEAK TEST REPORT

DIS FIL

TEST STARTED	2:19 PM
TEST STARTED	05/24/2007
BEGIN LEVEL	2.6930 IN
END TIME	2:34 PM
END DATE	05/24/2007
END LEVEL	2.6924 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VOLCAN SAN BERNARDINO
2350 HIGHLAND AVE

05/24/2007 2:50 PM

SUMP LEAK TEST REPORT

DIS FIL

TEST STARTED	2:35 PM
TEST STARTED	05/24/2007
BEGIN LEVEL	2.6920 IN
END TIME	2:50 PM
END DATE	05/24/2007
END LEVEL	2.6920 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

MON ORING SYSTEM CERTI CATION

For Use By All Jurisdictions Within the State of California
Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tanksystem owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date

RECEIVED
JUN 05 2007
S.B. CO. FIRE DEPT.

A. General Information

Facility Name: Vulcan Materials Company Bldg. No.: Asphalt Plant

Site Address: 2350 W. Highland Ave. City: San Bernardino Zip: 92407

Facility Contact Person: Andy Meeder Contact Phone No.: (909)875-5180

Make/Model of Monitoring System: Ronan X76-S Date of Testing/Servicing: 5-24-07

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/service:

Tank ID: #1 (10,000 Gal.) ❑ In-Tank Gauging Probe. Model: ❑ Annular Space or Vault Sensor. Model: Ronan LS-3 ❑ Piping Sump / Trench Sensor(s). Model: Ronan LS-3 ❑ Fill Sump Sensor(s). Model: ❑ Mechanical Line Leak Detector. Model: ❑ Electronic Line Leak Detector. Model: ❑ Tank Overfill / High-Level Sensor. Model: ❑ Other (specify equipment type and model in Section E on Page 2).	**Tank ID:** ❑ In-Tank Gauging Probe. Model: ❑ Annular Space or Vault Sensor. Model: ❑ Piping Sump / Trench Sensor(s). Model: ❑ Fill Sump Sensor(s). Model: ❑ Mechanical Line Leak Detector. Model: ❑ Electronic Line Leak Detector. Model: ❑ Tank Overfill / High-Level Sensor. Model: ❑ Other (specify equipment type and model in Section E on Page 2).
Tank ID: ❑ In-Tank Gauging Probe. Model: ❑ Annular Space or Vault Sensor. Model: ❑ Piping Sump / Trench Sensor(s). Model: ❑ Fill Sump Sensor(s). Model: ❑ Mechanical Line Leak Detector. Model: ❑ Electronic Line Leak Detector. Model: ❑ Tank Overfill / High-Level Sensor. Model: ❑ Other (specify equipment type and model in Section E on Page 2).	**Tank ID:** ❑ In-Tank Gauging Probe. Model: ❑ Annular Space or Vault Sensor. Model: ❑ Piping Sump / Trench Sensor(s). Model: ❑ Fill Sump Sensor(s). Model: ❑ Mechanical Line Leak Detector. Model: ❑ Electronic Line Leak Detector. Model: ❑ Tank Overfill / High-Level Sensor. Model: ❑ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: ❑ Dispenser Containment Sensor(s). Model: ❑ Shear Valve(s). ❑ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID:** ❑ Dispenser Containment Sensor(s). Model: ❑ Shear Valve(s). ❑ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: ❑ Dispenser Containment Sensor(s). Model: ❑ Shear Valve(s). ❑ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID:** ❑ Dispenser Containment Sensor(s). Model: ❑ Shear Valve(s). ❑ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: ❑ Dispenser Containment Sensor(s). Model: ❑ Shear Valve(s). ❑Dispenser Containment Float(s) and Chain(s).	**Dispenser ID:** ❑ Dispenser Containment Sensor(s). Model: ❑ Shear Valve(s). ❑ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

- I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Site Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*: ❑ **System set-up** ❑ **Alarm history report**

Technician Name (print): William Madsen ic. No.:Signature: William Madsen

Certification No.: 76060101 License. No.: 5263306-UT

Testing Company Name: Pacific Systems Electric, Inc. Phone No.: (951) 677-0704

Site Address: 2350 W. Highland Ave. San Bernardino, CA 92407 Date of Testing/Servicing: 5/24/2007

D. Results of Testing/Servicing

Software Version Installed: N/A

Complete the following checklist:

☑ Yes	❑ No*	Is the audible alarm operational?
☑ Yes	❑ No*	Is the visual alarm operational?
☑ Yes	❑ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	❑ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
❑ Yes	❑ No* ☑ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
❑ Yes	❑ No* ☑ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ❑ Sump/Trench Sensors; ❑ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ❑ Yes; ❑ No.
❑ Yes	❑ No* ☑ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? _____ %
❑ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
❑ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ❑ Product; ❑ Water. If yes, describe causes in Section E, below.
☑ Yes	❑ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	❑ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control.
☑ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☑ Check this box if LLDs are not installed.

Complete the following checklist:

☐ Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☐ 3 g.p.h.; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☐ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☐ Yes	☐ No*	Was the testing apparatus properly calibrated?
☐ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☐ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Owner Statements of Designated Underground Storage Tank (UST) Operator and Understanding of and Compliance with UST Requirements

Facility Name: Vulcan Materials	Facility ID #: FA0007904
Facility Address: 2350 W. Highland Ave San Bernardino, CA 92407	Reason for Submitting this Form *(Check One)* ☐ Change of Designated Operator
Facility Phone #:	☒ Update Certificate Expiration Date

Designated UST Operator(s) for this Facility

PRIMARY

Designated Operator's Name: John Minnock	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*: Pacific Systems Elec Inc	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714. 240. 3674	☐ Service Technician ☒ Third-Party
International Code Council Certification #: 5248279-UC	Expiration Date: 12/13/08

ALTERNATE 1 *(Optional)*

Designated Operator's Name: Dennis Minnock	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*:	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #: 714. 713. 9529	☐ Service Technician ☒ Third-Party
International Code Council Certification #: 5248118-UC	Expiration Date: 12/13/08

ALTERNATE 2 *(Optional)*

Designated Operator's Name:	Relation to UST Facility *(Check One)*
Business Name *(If different from above)*:	☐ Owner ☐ Operator ☐ Employee
Designated Operator's Phone #:	☐ Service Technician ☐ Third-Party
International Code Council Certification #:	Expiration Date:

I certify that, for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training, in accordance with California Code of Regulations, title 23, section 2715(c) - (f).

Furthermore, I understand and am in compliance with the requirements (statutes, regulations, and local ordinances) applicable to underground storage tanks.

NAME OF TANK OWNER (Please Print): Matt Branstetter

SIGNATURE OF TANK OWNER: Matt Branstetter

DATE: 5-23-07 **OWNER'S PHONE #:** 909.875.1150 ext. 226

NOTE: 1) SUBMIT THIS COMPLETED FORM TO THE LOCAL AGENCY (NOT THE STATE WATER RESOURCES CONTROL BOARD) BY JANUARY 1, 2005. THE LOCAL AGENCY LIST IS AVAILABLE AT: www.waterboards.ca.gov/ust/contacts/cupa_agys.html.

2) NOTIFY THE LOCAL AGENCY OF ANY CHANGES TO THIS INFORMATION WITHIN 30 DAYS OF THE CHANGE.

RECEIVED
JUN 04 2007
S.B. CO. FIRE DEPT.

LLD

INTERNATIONAL CODE COUNCIL

JOHN MINNOCK

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

CALIFORNIA UST SYSTEM OPERATOR

given this day of December 13, 2006

Wally Bailey

Wally Bailey

President, ICC Board of Directors

Rick Weiland

Rick Weiland

ICC Chief Executive Officer

5248279-UC

Certificate Number

ICC

INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

INTERNATIONAL CODE COUNCIL

DENNIS MINNOCK

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

CALIFORNIA UST SYSTEM OPERATOR

given this day of December 13, 2006

Willy Bailey

President, ICC Board of Directors

Rich Weiland

ICC Chief Executive Officer

5248118-UC

Certificate Number

ICC

INTERNATIONAL CODE COUNCIL®

The certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

Enclosed, please find the Designation of Underground Storage Tank Operator form for Vulcan Materials Company @ 2350 W. Highland Ave in San Bernardino. John Minnock And Dennis Minnock are the DTO for this location. If you have any questions, please feel free to call me at 714-240-3674.

Sincerely,

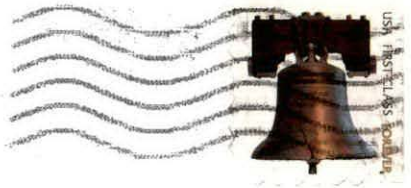
John Minnock
Pacific Systems Electric

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S.B. CO. FIRE DEPT.

John D. Minnock
13657 Calzado Ct.
Victorville, CA 92392
HALL OF FAME MUSEUM SUPPORTER

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JUN 04 2007
S.B. CO. FIRE DEPT.

SAN BERNARDINO CA 924
01 JUN 2007 PM 3 L



County of San Bernardino Fire Dept.
Designated Tank Operator
620 South "E" St.
San Bernardino, CA 92415-0153

92415+0153

COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

MAY 7, 2007

CALMAT CO DBA VULCAN MATERIALS
2400 WEST HIGHLAND AVE
SAN BERNARDINO, CA 92407

ATTENTION: ANDY MEEDER, FOREMAN

SUBJECT: FILE REVIEW FOLLOWING INSPECTION BY SAN BERNARDINO COUNTY FIRE DEPARTMENT – FIELD SERVICES

FACILITY: FA 0007904 LOCATED AT 2350 HIGHLAND AVE, SAN BERNARDINO CA

As a result of a recent records review, this facility has been identified as not being in compliance with Chapter 6.95 of the California Health and Safety Code (CHSC) and Title 23, Chapter 16 of California Code of Regulations (CCR). The following deficiencies are violations that may result in legal action if not corrected within 30 days:

23 CCR § 2715. Certification, Licensing, and Training Requirements for Underground Storage Tank Owners, Operators, Installers, Service Technicians, and Inspectors.

(a) By January 1, 2005, owners of underground storage tank systems shall submit a signed statement to the local agency indicating that the owner understands and is in compliance with all applicable underground storage tank requirements, and identifying the designated UST operator(s) for each facility owned. The owner shall inform the local agency of any change of designated UST operator(s) no later than 30 days after the change.

One tank on site has historically been empty, but maintained in the event that it is used to contain a hazardous material (Diesel). Because it may hold a hazardous material by design and stated purpose, this Department must regulate it as an Underground Storage Tank and hold it to all applicable standards. You may continue to have this tank with the understanding that it must be maintained, tested, and inspected in a frequency outlined in the California Health & Safety Code 6.7 and the California Code of Regulations Title 23.

The following testing and documentation is due within 30 days of this notice if you decide to keep the extra UST for Diesel or any other hazardous material:

- Annual Monitoring Certification
- 36-month Secondary Containment Testing
- Monthly Designated Operator Visual Inspections will be documented
- Leak Detection/Monitoring & Response Plan will be submitted

MARK H. UFFER
County Administrative Officer

NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors
BILL POSTMUS ..... First District
PAUL BIANE ..... Second District
DENNIS HANSBERGER ..... Third District
GARY C. OVITT ..... Fourth District
JOSIE GONZALES ..... Fifth District

- Please clarify the actual location of the single Diesel Tank. Our records indicate 4 USTs at 2400 W Highland and 1 UST at 2350 W Highland that is not billed, but listed on the Business Emergency/Contingency Plan (2004).
- Submit a Business Plan. The last plan on file is for 2004.
- Submit UST application packet to document and describe the UST system in place.
- Submit a Certificate of Financial Responsibility
- Submit a Designated Operator Statement

If you decide that this tank will never be used, then you may elect to have the tank removed legally by obtaining a UST Removal Permit.

Should you have any questions, please contact me at (909) 386-8464 or **afranco@sbcfire.org**.

Angela Samayoa, REHS

ANGELA SAMAYOA, REHS, ICC-UI
HAZARDOUS MATERIALS SPECIALIST II
UST COMPLIANCE PROGRAM/LOP

cc: DENNIS MINNOCK, PACIFIC SYSTEMS, FAXED TO 951-698-5436

CUPA

San Bernardino County Fire Department • Hazardous Materials Division
620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials Date: 4-24-07

Street Address: 2350 Highland Ave Facility No. FA0007904

City: San Bernardino Zip Code: 92407 Program Record No.

Facility Contact: Andy Meeder Facility Phone No. 909 875-5180 Number of Tanks: 1

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
302. UST permit fees paid and current	CHSC 25287(a)		X	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)	X		
308. Failure to report change of ownership within 30 days	CHSC 25284(c)			X
306. Owner/Operator agreement available	CHSC 25284(a)(3)	X		
307. Certificate of Financial Responsibility submitted	CHSC 25292.2(a)	X		
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)		X	
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)	X		
312. Designated Operator Statement submitted	CCR 2715(a)	X		
313. Monthly inspections completed by Designated Operator	CCR 2715(c)			
305. Prior UST violations corrected within 30 days	CCR 2712(f)	X		
310. Business Plan established and implemented	CHSC 25503.5		X	
311. Business Plan submitted/updated	CHSC 25505	X		
MONITORING OF UST SYSTEMS				
309. Failure to properly monitor UST	CHSC 25293			
331. Monitoring system(s) certified annually	CCR 2638 or 2641(j)			
334. Audible/visual alarms operational	CCR 2632(c)(2)(B) and 2636(f)(1)			
314. Certification sticker/tag affixed to monitoring equipment	CCR 2638(f)			
318. Sensors placed at low point of UST system(s)	CCR 2630(d) or 2641(a)			
319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)			
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)			
324. Line leak detector(s) installed and functioning properly	CCR 2636(f)(2) or 2641(f)			
333. Overspill containment installed/tested annually	CHSC 25284.2			
327. Overfill protection device installed/operational	CCR 2635(b)(2)			
328. Secondary containment components tested	CCR 2637(a)			
329. UST system design, construction, and monitoring	CCR 2630 or 2640			
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)			
341. Failure to report unauthorized release	CHSC 25299(d)(1)			
342. Unlawful abandonment of USTs	CHSC 25298(a)			
343. Unlawful closure of USTs	CHSC 25298(c)			
344. Failure to properly temporarily close USTs	CHSC 25298(b)			
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)			
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3			
UNIFORM FIRE CODE REQUIREMENTS				
335. Emergency fuel shut-off device operational	UFC 5201.5.3			
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2			
337. Fire extinguisher(s) present and charged	UFC 5201.9			
338. Address clearly visible from street	UFC 901.4.4			
OTHER REQUIREMENTS				
Significant Operational Compliance – Prevention	40 CFR Part 280			
Significant Operational Compliance – Detection	40 CFR Part 280			
Significant Operational Compliance – Both	40 CFR Part 280			

NARRATIVE / CORRECTIONS

This inspection was conducted to determine compliance with hazardous material and hazardous waste statutes. Andrew Meeder escorted Inspector Jerry Wong throughout the facility. Foreman Andrew Meeder stated a new UST was installed 15 years ago but has never been utilized by the facility. Refer to UST inspection report from Inspector Curtis Armstrong dated 7-25-03.

☐ **NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

Inspector: Jerry Wong Received by: Andy Meeder Title: Foreman

Dennis Minnock

714 - 713 9529

Pacific Systems

Invoice [FA0010804 - D & L AUTO REPAIR & TOW SERVICE]

Invoice ID: IN0034255 Facility ID: FA0010804 D & L AUTO REPAIR & TOW SERVICE
Account ID: AR0012142 Invoice Status: A3 ANNUAL BILLING - THIRD QUARTER (JAN - MAR)

Invoice Date	2/12/2007			(+)	
Print Date		Total Charges Applied	$724.95	Charges	$537.0
Last Payment Date		Charges Less Discounts	$724.95	Penalties	$187.9
Last Penalty Date	3/22/2007	Total Payments Applied	$0.00	Refunds	$0.0
# of Notices Printed	0			Payments	$0.0
Number of Lines	4	**Total Due**	$724.95	Discounts	$0.0

Line	Entered	Applied	P/E	Description	Amount	O/B	R P/E
1	2/12/2007	2/12/2007	4420	SPECIAL GENERATOR(B)	$337.00	$337.00	4420
2	2/12/2007	2/12/2007	4210	SPECIAL HANDLER	$176.00	$176.00	4210
3	2/12/2007	2/12/2007	5002	ALL FACILITY STATE SERVICE CHARGE	$24.00	$24.00	5002
4	3/22/2007	3/22/2007	9990	DELINQUENT PENALTY FEE	$187.95	$187.95	9990

Kathryn Kehl
Hazardous Materials Division
909-387-9603
909-387-5685 (fax)

From: Williams, Susan
Sent: Monday, March 26, 2007 2:00 PM
To: Kehl, Kathryn
Subject: RE: Fa #10804, San Bernardino

I do not currently have Envision...where is this place? What is this place?

From: Kehl, Kathryn
Sent: Monday, March 26, 2007 10:59 AM
To: Williams, Susan
Subject: Fa #10804, San Bernardino

Hi Susan,
Can I get a rush on this one? I got a call from owner Dung Huynh saying he closed business and has moved to same address but different Bldg number (B-14). He said he does not know if he is the owner of the current business as he is running it with another gentleman.? I need someone to go out and verify this info and try to get owner information

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620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials Date: 7-25-03

Street Address: 2350 W. Highland Ave. Facility Id No:

City: San Bernardino Zip Code: 92407 Number of Tanks: 1

Facility Contact: Facility Phone No. 875-5180 Number of Employees: 3

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N	NARRATIVE / CORRECTIONS
301. UST permits obtained	CHSC 25284(a)	X	X		Annual UST facility inspection conducted with Andy Meeder. Annual UST monitoring system certification conducted with Dennis Minnock of Pacific System Electric. The facility produces asphalt and has one UST which is not currently being used. the UST will be used to contain diesel fuel in the near future. Monitoring system - Ronan X765 with two sensors (Piping sump + Annular) UST must be permited when put into use - Violation - Failure to establish a Business Plan - complete BP. form supplied + submit 2 copies to this Dept
302. UST permit fees paid and current	CHSC 25287(a)	X	X		
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)				
304. UST monitoring/maintenance records available for 3 years	CCR 2712(b)				
305. Prior UST violations corrected within 30 days	CCR 2712(f)				
306. Owner-operator agreement available	CHSC 25284(a)(3)(A)				
307. Certification of Financial Responsibility submitted	CCR 2809				
308. Failure to report change of ownership within 30 days	CHSC 25284(c)				
309. Failure to properly monitor UST System	CHSC 25293				
310. Business Plan established and implemented	CHSC 25503.5		X		
311. Business Plan submitted/updated	CHSC 25505		X		
MONITORING OF EXISTING UST SYSTEM (Pre 1984)					
Monitoring in General -					
315. Leak Detection/Monitoring and Response Plan available	CCR 2641				
316. Required UST precision tests conducted	CCR 2640 et. seq.				
317. Monitoring devices maintained annually	CCR 2641(j)				
Piping -					
320. Pressurized piping tested annually	CHSC 25292(e)				
321. In-line leak detector installed on pressurized piping	CHSC 25292(e)				
322. Suction piping tested every 3 years	CCR 2643(d)				
Inventory Reconciliation for Single Wall USTs -					
325. Monthly inventory reconciliation performed and available (ATG)	CCR 2646(a)				
326. Dispenser meters maintained annually	CCR 2641(j)				
MONITORING OF NEW UST SYSTEMS (1984 to Present)					
330. Leak Detection/Monitoring and Response Plan available	CCR 2632				
331. Monitoring systems maintained annually	CCR 2630(d)				
332. Pressurized piping monitored/ tested	CCR 2636				
333. Overfill/spill protection installed	CHSC 25291(c)				
334. Visual/audible alarms operational	CCR 2632(c)(2)(B)				
UNAUTHORIZED RELEASE AND ABANDONMENT					
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)				
341. Failure to report unauthorized release	CHSC 25299(d)(1)				
342. Unlawful abandonment of USTs	CHSC 25298(a)				
343. Unlawful closure of USTs	CHSC 25298(c)				
344. Failure to properly temporarily close USTs	CHSC 25298(b)				
346. Failure to upgrade or replace UST to prevent releases	CHSC 25292(d)				
347. Unlawful deposit of petroleum into a non-compliant UST	CHSC 25292.3				
CA. Certificate #:					

☒ **NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

Inspector: Curtis Armstrong III Received by: Andrew Meeder Title: Foreman

Revised 6/11/2002

LLD 15-21000-638

Site Under: ~~Knott & 16th~~ 2400 NO Highland 2350 W Highland (FA 7904 - new FA)

SECONDAF CONTAINMENT TESTING REPORT FORM

Pacific Systems Electric

***Murrieta* California 92563**

Retest

California State License No. 561275

Servicing the Petroleum Industry Since 1989

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the local implementing agency.

1. FACILITY INFORMATION

Facility Name: Vulcan Calmat Asphalt Div.		Date of Testing:	7-3-03
Facility Address: 2350 W. Highland	San Bernardino, CA 92405		**Test Type:**
Facility Contact: Andy Meeder	Phone: 909.875.5180		☑ Initial
Date Local Agency Was Notified of Testing : 6/27/03			☐ 6 month
Name of Local Agency Inspector *(if present during testing)*:	Jim Smith		☐ 36 month

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2. TESTING CONTRACTOR INFORMATION

Company Name: Pacific Systems Electric		
Technician Conducting Test: Earl D. Jones		
Credentials: ☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester	
License Type: A-General Engineering	License Number: 561275	

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
Smith	Piping	

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
Piping Sump	☑	☐	☐	☐		☐	☐	☐	☐
Secondary Line #1	☑	☐	☐	☐		☐	☐	☐	☐
Secondary Line #2	☑	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
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	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Test water was pumped into (1) -55 Gallon drums, labeled as Hazardous Waste, and left with tank owner for proper disposal.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: Earl Jones Date: 7/3/03

4. TANK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☑Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Vacuum Gauge, Venturi Pump		Equipment Resolution: + / - .25%	

	Tank #	**Tank #**	**Tank #**	**Tank #**
Is Tank Exempt From Testing?[1]	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Tank Capacity:				
Tank Material:				
Tank Manufacturer:				
Product Stored:				
Wait time between applying pressure/vacuum/water and starting test:				
Test Start Time:				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:				
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss	Zero Loss	Zero Loss
Test Result:	☐**Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Was sensor removed for testing?	☑Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☑Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, & recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. {California

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☑ Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Gauge, Nitrogen Gas		Equipment Resolution: + / - .5%	

	Piping Run #1	**Piping Run #2**	**Piping Run #**	**Piping Run #**
Piping Material:	Fiberglass	Fiberglass		
Piping Manufacturer:	Smith	Smith		
Piping Diameter:	2"	2"		
Length of Piping Run:	17'	16'		
Product Stored:	Diesel	Diesel		
Method and location of piping-run isolation:	Test Boot	Test Boot		
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min		
Test Start Time:	5:00	5:00		
Initial Reading (R_I):	5Psi	5Psi		
Test End Time:	6:00	6:00		
Final Reading (R_F):	5Psi	5Psi		
Test Duration:	1.0	1.0		
Change in Reading (R_F-R_I):	0	0		
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss	Zero Loss	Zero Loss
Test Result:	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	Sump # 1	**Sump #**	**Sump #**	**Sump #**
Sump Diameter:	36"			
Sump Depth:	39"			
Sump Material:	Fiberglass			
Height from Tank Top to Top of Highest Piping Penetration:	12"			
Height from Tank Top to Lowest Electrical Penetration:	15"			
Condition of sump prior to testing:	Good			
Portion of Sump Tested[2]	14"			
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐Yes ☐No ☑ NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Turbine shutdown response time	N/a			
Is system programmed for fail-safe shutdown?*	☐Yes ☐No ☑ NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was fail-safe verified to be operational?*	☐Yes ☐No ☑ NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Wait time between applying pressure/vacuum/water and starting test:	15Min			
Test Start Time:	5:30			
Initial Reading (R_I):	3.4462			
Test End Time:	5:45			
Final Reading (R_F):	3.4419			
Test Duration:	15 Minutes	15 Minutes	15 Minutes	15 Minutes
Change in Reading (R_F-R_I):	.0013			
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	No Loss > .002"
Test Result:	☑ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Was sensor removed for testing?	☑Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☑Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[2] If the entire depth of the sump is not tested, specify how much was tested. If the answer to <u>any</u> of the questions indicated with an asterisk (*) is "NO" or "NA" the entire sump must be tested. (See SWRCB LG-160)

7. UNDER DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	UDC #	UDC #	UDC #	UDC #
UDC Manufacturer:				
UDC Material:				
UDC Depth:				
Height from UDC Bottom to Top of Highest Piping Penetration:				
Height from UDC Bottom to Lowest Electrical Penetration:				
Condition of UDC prior to testing:				
Portion of UDC Tested[3]				
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	☐Yes ☑No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Turbine shutdown response time				
Is system programmed for fail-safe shutdown?*	☐Yes ☑No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was fail-safe verified to be operational?*	☐Yes ☑No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Wait time between applying pressure/vacuum/water and starting test				
Test Start Time:				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:	15 Minutes	15 Minutes	15 Minutes	15 Minutes
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	No Loss > .002"
Test Result:	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Was sensor removed for testing?	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[3] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐			
Fill Riser Containment Sumps are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	Fill Sump #	**Fill Sump #**	**Fill Sump #**	**Fill Sump #**
Sump Diameter:				
Sump Depth:				
Height from Tank Top to Top of Highest Piping Penetration:				
Height from Tank Top to Lowest Electrical Penetration:				
Condition of sump prior to testing:				
Portion of Sump Tested				
Sump Material:				
Wait time between applying pressure/vacuum/water and starting test:				
Test Start Time:				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:	15 Minutes	15 Minutes	15 Minutes	15 Minutes
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	No Loss > .002"
Test Result:	☐ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Is there a sensor in the sump?	☐Yes ☐No	☐ Yes ☐No	☐ Yes ☐No	☐ Yes ☐No
Does the sensor alarm when either product or water is detected?	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was sensor removed for testing?	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐			
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Spill Bucket Manufacturer	☐ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used:		Equipment Resolution:	

	Spill Box #	**Spill Box #**	**Spill Box #**	**Spill Box #**
Bucket Diameter:				
Bucket Depth:				
Wait time between applying pressure/vacuum/water and starting test:				
Test Start Time:				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:				
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:				
Test Result:	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Completed Form Sent To
Local Implementing Agency
By
Pacific Systems Electric

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
[illegible]
VULCAN ASPHALT
[illegible]

[illegible] 5:10 AM

SUMP LEAK TEST REPORT

SUMP

TEST STARTED	5:55 AM
TEST STARTED	07/03/2003
BEGIN LEVEL	3.4446 IN
END TIME	[illegible] AM
END DATE	07/03/2003
END LEVEL	3.4433 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
909-677-0704
VULCAN ASPHALT
[illegible] GAS

07/03/2003 5:45 AM

SUMP LEAK TEST REPORT

SUMP

TEST STARTED	5:30 AM
TEST STARTED	07/03/2003
BEGIN LEVEL	3.4472 IN
END TIME	5:45 AM
END DATE	07/03/2003
END LEVEL	3.4419 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

CIFIC SYSTEMS ELECT C

Servicing the Petroleum Industry Since 1989

CA License #561275

FA 7904

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

RECEIVED
JUL 30 2003
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

A. General Information

Facility Name: Vulcan Materials – Asphalt Plant

Site Address: 7350 ~~2400~~ W. Highland Ave. City: San Bernardino Zip:92407

Facility Contact Person: Andy Meeder Contact Phone No.: 909.875.1150

Make/Model of Monitoring System: Ronan X76S Date of Testing/Servicing: 7/25/03

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected / serviced:

Tank ID: 10,000 Gallon Diesel ☐ In-Tank Gauging Probe. Model: ☒ Annular Space or Vault Sensor. Model: LS-3 ☒ Piping Sump / Trench Sensor(s). Model: LS-3 ☐ Fill Sump Sensor(s). Model: ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).	**Tank ID:** ☐ In-Tank Gauging Probe. Model: ☐ Annular Space or Vault Sensor. Model: ☐ Piping Sump / Trench Sensor(s). Model: ☐ Fill Sump Sensor(s). Model: ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: ☐ In-Tank Gauging Probe. Model: ☐ Annular Space or Vault Sensor. Model: ☐ Piping Sump / Trench Sensor(s). Model: ☐ Fill Sump Sensor(s). Model: ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).	**Tank ID:** ☐ In-Tank Gauging Probe. Model: ☐ Annular Space or Vault Sensor. Model: ☐ Piping Sump / Trench Sensor(s). Model: ☐ Fill Sump Sensor(s). Model: ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID:** ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID** ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID:** ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

- I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; ***(check all that apply)*****: ☐System set-up ☐ Alarm history report**

Technician Name (print): Eric Larison Signature: Eric Larison Certification No. 10270

License. No.: 561275 Testing Company Name: Pacific Systems Electric Phone No.: 909.677.0704

Company Address: 38330 Via La Paloma, Murrieta, CA 92563

D. Results of Testing/Servicing

Software Version Installed: _____

Complete the following checklist:

☒Yes	❑ No*	Is the audible alarm operational?
☒Yes	❑ No*	Is the visual alarm operational?
☒ Yes	❑ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☒ Yes	❑ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
❑ Yes	❑ No* ☒N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
❑ Yes	❑ No* ☒ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ❑Sump/Trench Sensors; ❑ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ❑Yes; ❑ No.
❑ Yes	❑ No* ☒ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? _____ %
❑ Yes*	☒ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
❑ Yes*	☒ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ❑ Product; ❑ Water. If yes, describe causes in Section E, below.
☒ Yes	❑ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☒ Yes	❑ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: _____

F. In-Tank Gauging / SIR Equipment:

❑ Check this box if tank gauging is used only for inventory control.
☒ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

❑ Yes	❑ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
❑ Yes	❑ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
❑ Yes	❑ No*	Was accuracy of system product level readings tested?
❑ Yes	❑ No*	Was accuracy of system water level readings tested?
❑ Yes	❑ No*	Were all probes reinstalled properly?
❑ Yes	❑ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☒ Check this box if LLDs are not installed.

Complete the following checklist:

❑Yes	❑ No* ❑ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ❑ 3 g.p.h ; ❑ 0.1 g.p.h ; ❑ 0.2 g.p.h.
❑ Yes	❑ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
❑Yes	❑ No*	Was the testing apparatus properly calibrated?
❑Yes	❑ No* ❑ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
❑ Yes	❑ No* ❑ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
❑ Yes	❑ No* ❑ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
❑ Yes	❑ No* ❑ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
❑ Yes	❑ No* ❑ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
❑Yes	❑ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments: _____

IND INSPECTOR

Secondary Containment Testing Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials Cal Mat	Date of Testing:	10/15/2002
Facility Address:	2350 W. Highland Avenue, San Bernardino, California		
Facility Contact:	Andy Meeder	Phone:	909 875-5180
Date Local Agency Was Notified of Testing:	October 8, 2002		
Name of Local Agency Inspector Present:	None Present		

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric
Technician Conducting Test:	Earl D Jones
Credentials:	☑ CSLB Licensed Contractor ☐ SWRCB Licensed Tank Tester
License Type and #:	A- General Engineering #561275

Training by Manufacturer

Manufacturer	Component(s)	Date Training Expires
Modern Welding	Underground Storage Tank	7/2004
A.O Smith	Piping	7/2004

3. SUMMARY OF TEST RESULTS

Number of Tanks Tested:	1	Number of Piping Runs Tested:	0
Number of Submersible Pump Sumps Tested:	0	Number of UDC Boxes Tested:	0
Number of Fill Sumps Tested:	1	Number of Overfill Boxes Tested:	0

Component	Pass	Fail	Comments
Tank Annular Space	☑	☐	
Sump Riser Collar	☑	☐	Unable to test above collar due to missing test boots.
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	
	☐	☐	

RECEIVED
OCT 28 2002
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

Technician's Signature: Earl Jones Date: 10/15/02

In Compliance YPD

4. TANK ANNULAR TESTING

Test Method Developed By:	☑ Tank Manufacturer	☐ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Uses:	☐ Pressure	☑ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Measuring Equipment Used for Testing:	4.5" Glycerin filled Vacuum Gauge, Air Driven Venturi Vacuum Pump.		

	Tank #	Tank #	Tank #
Tank Capacity:	10,000 gal.		
Tank Material:	Fiberglass/Steel		
Tank Manufacturer:	Modern Welding		
Product Stored:	Diesel		
Wait time between applying pressure/vacuum/water and starting test:	15 Minutes		
Test Start Time:	10:43 AM		
Initial Reading (R_I):	10.0" Hg.		
Test End Time:	11:46 AM		
Final Reading (R_F):	10.0" Hg.		
Test Duration:	1:03		
Change in Reading (R_F-R_I):	+/- 0.00" Hg.		
Pass/Fail Threshold:	Zero Loss		
Test Result:	PASSED		
Was sensor removed for testing?	Yes		
Was sensor properly replaced after testing?	Yes		

Comments – *(include information on repairs made prior to testing)*

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer ☐ Other *(Specify)*	☐ Industry Standard	☐ Professional Engineer
Test Method Uses:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	☐ Hydrostatic
Measuring Equipment Used for Testing:			

	Piping Run #	Piping Run #	Piping Run #
Piping Material:			
Piping Manufacturer:			
Piping Diameter:			
Length of Piping Run:			
Product Stored:			
Method and location of piping-run isolation:			
Wait time between applying pressure/vacuum/water and starting test:			
Test Start Time:			
Initial Reading (R_I):			
Test End Time:			
Final Reading (R_F):			
Test Duration:			
Change in Reading (R_F-R_I):			
Pass/Fail Threshold:			
Test Result:			

Comments – *(include information on repairs made prior to testing)*

Secondary piping not tested due to missing test boots.

6. SUBMERSIBLE PUMP CONTAINMENT SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	✓ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Uses:	☐ Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Measuring Equipment Used for Testing:	**INCON TS-STS Sump Test System**		

	Sump #	Sump #	Sump #
Sump Diameter:	**42"**		
Sump Depth:	**37"**		
Sump Material:	**Fiberglass**		
Height from Tank Top to Highest Piping Penetration:	**12"**		
Height from Tank Top to Lowest Electrical Penetration:	**6"**		
Condition of sump prior to testing:	**Good**		
Portion of Sump Tested[1]	**Collar Only**		
Does turbine shut down when sump sensor detects either product or water?	**No Turbine N/A**		
Turbine shutdown response time[2]	**N/A**		
Is system programmed for fail-safe shutdown?	**No**		
Was fail-safe verified to be operational?	**No**		
Wait time between applying pressure/vacuum/water and starting test:	**7 minutes**		
Test Start Time:	**11:07 AM**		
Initial Reading (R_I):	**2.6351"**		
Test End Time:	**11:22 AM**		
Final Reading (R_F):	**2.6336**		
Test Duration:	**15 minutes**		
Change in Reading (R_F-R_I):	**0.0015**		
Pass/Fail Threshold:	**No Loss > .002"**		
Test Result:	**Passed**		
Was sensor removed for testing?	**Yes**		
Was sensor properly replaced after testing?	**Yes**		

Comments – *(include information on repairs made prior to testing)*

Unable to test higher than the sump collar due to missing test boots on piping. Must retest.

[1] If the testing method does not test the entire depth of the sump, specify how much of the sump was tested. Methods not testing the entire sump should only be used if the monitoring system provides fail-safe turbine shutdown.

[2] With the submersible pump running, place the sensor in product (discriminating sensors should also be placed in water). The time between placing the sensor in product and the turbine shutting down is the response time. This should be done if the secondary containment testing method used does not test the entire volume of the sump.

7. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer ☐ Other *(Specify)*	☐ Industry Standard	☐ Professional Engineer
Test Method Uses:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	☐ Hydrostatic
Measuring Equipment Used for Testing:			

	UDC #	UDC #	UDC #
UDC Manufacturer:			
UDC Material:			
UDC Depth:			
Height from UDC Bottom to Highest Piping Penetration:			
Height from UDC Bottom to Lowest Electrical Penetration:			
Condition of UDC prior to testing:			
Portion of UDC Tested[1]			
Does turbine shut down when UDC sensor detects either product or water?			
Turbine shutdown response time[2]			
Is system programmed for fail-safe shutdown?			
Was fail-safe verified to be operational?			
Wait time between applying pressure/vacuum/water and starting test:			
Test Start Time:			
Initial Reading (R_I):			
Test End Time:			
Final Reading (R_F):			
Test Duration:			
Change in Reading (R_F-R_I):			
Pass/Fail Threshold:			
Test Result:			
Was sensor removed for testing?			
Was sensor properly replaced after testing?			

Comments – *(include information on repairs made prior to testing)*

[1] If the testing method does not test the entire depth of the UDC, specify how much of the UDC was tested. Methods not testing the entire UDC should only be used if the monitoring system provides fail-safe turbine shutdown.

[2] With the submersible pump running, place the sensor in product (discriminating sensors should also be placed in water). The time between placing the sensor in product and the turbine shutting down is the response time. This should be done if the secondary containment testing method used does not test the entire volume of the UDC

8. FILL RISER CONTAINMENT SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer ☐ Other *(Specify)*	☐ Industry Standard	☐ Professional Engineer
Test Method Uses:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	☐ Hydrostatic
Measuring Equipment Used for Testing:			

	Fill Sump #	Fill Sump #	Fill Sump #
Sump Diameter:			
Sump Depth:			
Height from Tank Top to Highest Piping Penetration:			
Height from Tank Top to Lowest Electrical Penetration:			
Condition of sump prior to testing:			
Portion of Sump Tested			
Sump Material:			
Wait time between applying pressure/vacuum/water and starting test:			
Test Start Time:			
Initial Reading (R_I):			
Test End Time:			
Final Reading (R_F):			
Test Duration:			
Change in Reading (R_F-R_I):			
Pass/Fail Threshold:			
Test Result:			
Is there a sensor in the sump?			
Does the sensor alarm when either product or water is detected?			
Was sensor removed for testing?			
Was sensor properly replaced after testing?			

Comments – *(include information on repairs made prior to testing)*

9. SPILL/OVERFILL CONTAINMENT BOXES

Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Other *(Specify)*	☐ Industry Standard	☐ Professional Engineer
Test Method Uses:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	☐ Hydrostatic
Measuring Equipment Used for Testing:			

	Spill Box #	Spill Box #	Spill Box #
Bucket Diameter:			
Bucket Depth:			
Wait time between applying pressure/vacuum/water and starting test:			
Test Start Time:			
Initial Reading (R_I):			
Test End Time:			
Final Reading (R_F):			
Test Duration:			
Change in Reading (R_F-R_I):			
Pass/Fail Threshold:			
Test Result:			

Comments – *(include information on repairs made prior to testing)*

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
MURRIETA CA 92563
WWW.PACIFICSERVICE.NET
909-677-0704

10/15/2007 11:22 AM

SUMP LEAK TEST REPORT

VMSBAFS

TEST STARTED	11:07 AM
TEST STARTED	10/15/2007
BEGIN LEVEL	2.6351 IN
END TIME	11:22 AM
END DATE	10/15/2007
END LEVEL	2.6336 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

ProTech Petro...m Services, Inc.

Fuel System Maintenance & Testing
1020 N. Batavia Street – Suite F, Orange, CA 92867
800-634-0085 - Fax 714-633-9798

...RVICE WORK ORDER

Service Work Order Number: 1723

Customer: Vulcan Materials - Industrial Asphalt
2350 West Highland Avenue
San Bernardino, CA 92405 Fax: (909) 820-7256
Location:

Date Entered: 6/27/02
Date of Service: 7/1/02
Technician: Tom Benson

Bill To:

P.O. Number(Customer): Verbal/Tony
Call Type: Annual Certification

Site Contact: Andy Meeder Phone: (909) 875-5180

Problem: Annual Monitoring Certification

Special Comments:

Scheduled Time: Normal 12:00:00PM

Work Order Complete?: YES ✓ NO ___

System Manufacturer: Ronan Engineering Model: X76S-A2 Serial Number: I-1876

Tank #	Product	TLM Probe	Annular Sensor	Fill Sump Sensor	Turbine/Piping Sump Sensor	Vapor Sensor	Line Pressure
1	Dsl	—	✓ LS-3		✓ LS-3		

System Certified ☑ Yes ☐ No | System PSD ☐ Yes ☑ No | System Running ☐ Yes ☐ No | System Sealed ☐ Yes ☐ No | Contract Inspection Quarterly ☐ Semi-Annual ☐

Description of Work Performed: Channel #1 (Piping Sump Sensor) in Alarm upon Arrival. Found approx 30 gal of water in Sump - Pumped out into barrels.
Tested Annular & P. sump Sensors - Both tested ok and activated Audible & Visual Alarms.
No over fill prevention Valve on drop - Tube
Note - Tank is empty and not presently being used
System passed certification inspection

System operating according to manufacturer's specifications upon departure? ☑ Yes ☐ No

Labor			Materials	
Hours		Rate	QTY	Description
REGULAR	1.5			
OVERTIME				
TRAVEL		RTS		
MILAGE		RTS		

Customer Signature	Date	Time	Arrived	Departed
X			12:30	2:00

Revised 9/01

Vulcan
Materials Company

Western Division

Nov. 15, 2001

Registered Return Receipt Requested

Curtis Arnstrong
San Bernardino County Fire Dept.
Hazardous Materials Division
385 North Arrowhead Ave.
San Bernardino, CA 92415-0153

Ref: 2350 W. Highland
San Bernardino, CA

Dear Mr. Armstrong:

Pursuant to your recent telephone conversation with Dwight Beavers, please be advised that the underground storage tank at the above referenced location has never contained fuel since it was installed in 1990.

The tank was installed as a back up fuel source for the burner on the asphalt plant in case of a natural gas curtailment. It remains empty at this time. The tank is double walled and is connected to a leak alert monitoring system that is certified annually.

Taking in consideration the above, we respectfully request that the tank remain in place for possible emergency use in the future.

Very truly yours,

Peter Chiu
Manager, Environmental Affairs

OK to fill
CA

3200 SAN FERNANDO ROAD • LOS ANGELES, CALIFORNIA 90065-1415 • TELEPHONE 323 258-2777

CUPA
San Bernardino County Fire Department
HAZARDOUS MATERIALS DIVISION • FIELD SERVICES/ENVIRONMENTAL PROTECTION
385 North Arrowhead Avenue, Second Floor, San Bernardino, CA 92415-0153 • (909) 387-3080 Fax (909) 387-4323

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name Cal Mat Co / Vulcan Materials Co. 2400 (3 USTs) Date 10-11-01
Street Address 2400 W. Highland Ave. 2350 (1 UST) Est. No. 8600895P
City San Bernardino Zip Code Number of Tanks 4
Facility Contact Andy Meeder / Foreman Facility Phone No. 875-5180 Number of Employees 3

Refer to Title 23 of the California Code of Regulations (CCR), Chapter 6.7 of the Health and Safety Code (CHSC). The following Code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
301. UST permits obtained	CHSC 25284(a)		X	
302. UST permit fees paid and current	CHSC 25287(a)		X	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286 (a)		X	
304. UST monitoring/maintenance records available for 3 years	CCR 2712(b)		X	
305. Prior UST violations corrected within 30 days	CCR 2712(f)			X
306. Owner/Operator Agreement available	CHSC 25284 (a)(3)(A)		X	
307. Certification of Financial Responsibility submitted	CCR 2809		X	
308. Failure to report change of ownership within 30 days	CHSC 25284(c)		X	
309. Failure to properly monitor UST System	CHSC 25293		X	
310. Business Plan established and implemented	CHSC 25503.5		X	
311. Business Plan submitted/updated	CHSC 25505		X	
MONITORING OF EXISTING UST SYSTEM (PRE 1984)				
Monitoring in General:				
315. Leak Detection/Monitoring and Response Plan available	CCR 2641			
316. Required UST precision tests conducted	CCR 2640 et. seq.			
317. Monitoring devices maintained annually	CCR 2641(j)			
Piping:				
320. Pressurized piping tested annually	CHSC 25292(e)			
321. In-line leak detector installed on pressurized piping	CHSC 25292(e)			
322. Suction piping tested every 3 years	CCR 2643(d)			
Inventory Reconciliation for Single Wall USTs:				
325. Monthly inventory reconciliation performed and available (ATG)	CCR 2646(a)			
326. Dispenser meters maintained annually	CCR 2641(j)			
MONITORING OF NEW UST SYSTEMS (1984 to Present)				
330. Leak Detection/Monitoring and Response Plan available	CCR 2632		X	
331. Monitoring systems maintained annually	CCR 2630(d)		X	
332. Pressurized piping monitored/tested	CCR 2636		X	
333. Overfill/spill protection installed (UST unused)	CHSC 25291(c)	X		
334. Visual/audible alarms operational	CCR 2632(c)(2)(B)		X	
UNAUTHORIZED RELEASES AND ABANDONMENTS				
340. UST system operated to prevent unauthorized	CHSC 25292.1(a)		X	
341. Failure to report unauthorized release	CHSC 25299(d)(1)			X
342. Unlawful abandonment of USTs	CHSC 25298(a)			X
343. Unlawful closure of USTs	CHSC 25298(c)			X
344. Failure to properly close USTs	CHSC 25298(b)	X		
346. Failure to upgrade or replace UST to prevent releases	CHSC 25292(d)			X
347. Unlawful deposit of petroleum into a noncompliant UST	CHSC 25292.3			X

CA Certificate #: 16746

NARRATIVE/CORRECTIONS

Annual UST facility inspection and UST Monitoring System Certification inspection. Facility inspection conducted with Andy Meeder/Foreman, the UST Monitoring System Certification was conducted with a technician from ProTech.

One UST was tested & certified at 2350 W. Highland, the other 3 USTs are west of this tank at 2400 W. Highland Ave, and were certified approx. 3-4 months ago with Inspector Craig Stephens on site.

Violations:

1) Failure to properly close UST (UST not used for 4 to 5 years)

Corrections required:

1) Remove unused UST as per State Law.

☒ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector Curtis Armstrong ES III Received By Sent by Certified Mail to: Andy Meeder Vulcan Materials Co. Title Foreman

15-19274-670 Rev. 8/00 DISTRIBUTION: White – File Copy; Canary – Facility Copy; Pink – Inspector

Contractor: Pro-Tech / Darryl (714) 633-9797

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
UNDERGROUND STORAGE TANK SECTION
Annual UST/Piping/Monitoring System Certification Joint Inspection

SP. Sub but not approved no other Chaparral Concrete @ same Address

Facility name Vulcan Material Co. Cal Mat Co. Div. Date 10-11-01

Establishment number 86008958 UST Size/Contents #2 diesel

Facility address 2400 W. Highland Ave San Bernardino # of UST's 4 (1 today)

California Certificate # 67466

Pressure System ☐ Suction System ☒ (Tank not used for 4-5 years but monitored)

Double Wall USTs ☒ Single Wall Fiberglass UST ☐

Double Wall Product Piping ☒ Single Wall Fiberglass Piping ☐

~~Turbine Sump~~ CHSC 25292.1(a): piping sump

HANDLER/GEN. Spec, 26-50 employees. NO inspection

one UST inspected today other 3 USTs tested ~3 months ago (Craig Stephens Inspector)

1.	Yes ☒ No ☐	Is the sump free of liquid and debris?
	Yes ☐ No ☐	If not, was liquid or debris removed?
2.	Yes ☒ No ☐	Do sumps and penetration fittings appear to be sound and liquid tight?
	Yes ☐ No ☐	If not, was sump and/or penetration fittings repaired and hydrostatically tested for 24 hours?
3.	Yes ☒ No ☐	Is the sensor located in the low area of the sump and 1" or less from the UST top?
	Yes ☐ No ☐	If not, was the sensor moved to the proper location?
4.	Yes ☒ No ☐	Is the sensor compatible with the monitoring system? (Must be liquid sensor)
	Yes ☐ No ☐	If not, was the correct sensor installed? * no turbine / alarm OK
5.	Yes ☐ No ☒	Does the sensor shut down the turbine (or dispenser pump on suction * systems)?
	Yes ☐ No ☐	If not, was the sensor replaced or the problem corrected?
6.	Yes ☐ No ☒	Are there Line Leak Detectors on the turbine heads? Do the LLD's shut down product flow when a line leak is simulated? Do mechanical LLD's restrict product flow to dispenser when a line leak is simulated? *Single wall FRP piping must have <u>Electronic</u> Line Leak Detectors.*
	Yes ☐ No ☐	If not, was the LLD replaced or repaired for correct operation?
7.	Yes ☒ No ☐	Are manway covers sound with gaskets and properly bolted down?
	Yes ☐ No ☐	If not, were they repaired?
8.	Yes ☒ No ☐	Are the test boots disconnected from the secondary product piping?

4 Asphalt USTs on site?

Andy Meeder / Foreman 909 875-5180 Emp 3 @ Vulcan

Fill Sump CHSC 25292.1(a) NO fill sump

1. Yes ☐ No ☐ Is the sump free of liquid and debris?
   Yes ☐ No ☐ If not, was the liquid or debris removed?

2. Yes ☐ No ☐ Does the sump appear to be sound and liquid tight?
   Yes ☐ No ☐ If not, was the sump repaired and hydrostatically tested for 24 hours?

3. Yes ☐ No ☐ Is the sensor located in the low area of the sump and 1" or less from the sump bottom?
   Yes ☐ No ☐ If not, was the sensor moved to the proper location?

4. Yes ☐ No ☑ Is the sensor compatible with the monitoring system? (Must be liquid sensor)
   Yes ☐ No ☐ If not, was the correct sensor installed?

5. Yes ☑ No ☐ Does the sensor shut down the turbine (or dispenser pump on suction systems)?
   Yes ☐ No ☐ If not, was the sensor replaced to correct the problem?

6. Yes ☐ No ☐ Are manway covers sound with gaskets and properly bolted down?
   Yes ☐ No ☐ If not, were they repair as needed?

7. Yes ☐ No ☒ Do the drop tubes have overfill protection or is an overfill alarm present? UST not used for 4-5 yrs.
   Yes ☐ No ☐ If not, was overfill protection installed in drop tubes or overfill alarm installed?

8. Yes ☒ No ☐ Are the fill and vapor recovery spill buckets intact and liquid tight?
   Yes ☐ No ☐ If not, were they repaired or replaced?

9. Yes ☒ No ☐ Do the spill bucket drains function properly?
   Yes ☐ No ☐ If not, were they repaired or replaced?

Annular Space: (Double Wall UST's) CCR Title 23

1. Yes ☒ No ☐ Are annular space sensors present?
   Yes ☐ No ☐ If not, were sensors installed?

2. Yes ☒ No ☐ Are the sensors compatible with the monitoring system?
   Yes ☐ No ☐ If not, were the correct sensors installed?

3. Yes ☐ No ☒ Do the sensors shut down the turbine? alarm only
   Yes ☐ No ☐ If not, were the sensor(s) replaced?
   - *Suction system sensors must shut down the dispenser pump.*

Fiber Trench:

1. Yes ☐ No ☒ Is fiber trench present?

2. Yes ☐ No ☐ Does the fiber trench sensor shut down the turbine if fuel is present? (at the sensor low liquid level)

3. Yes ☐ No ☐ Does the fiber trench sensor shut down the turbine if water is present? (at the sensor high liquid level)

4. Yes ☐ No ☐ Does the fiber trench sensor set off warning alarm on monitor if water is present at sensor low level?

Dispenser Containment: CCR 2662(b) Deep ☐ Shallow ☐

NONE

1. Yes ☐ No ☐ Are dispenser pans present?

2. Yes ☐ No ☐ Are dispenser pans free of liquid and debris?
   Yes ☐ No ☐ If not, was the liquid and/or debris removed?

3. Yes ☐ No ☐ Are product shear valves present?
   Yes ☐ No ☐ If not, were product shear valves installed?

4. Yes ☐ No ☐ Are vapor recovery shear valves present? (Required UFC Article 52 Sec. 5202.13.2.4)
   Yes ☐ No ☐ If not, were VC shear valves installed?

5. Yes ☐ No ☐ Are the shear valve bracket bolts/nuts present and tight?
   Yes ☐ No ☐ If not, were bolts/nuts installed and/or tightened?

6. Yes ☐ No ☐ Is the dispenser plumbing free of fuel leaks?
   Yes ☐ No ☐ If not, were fuel leaks repaired?

7. Yes ☐ No ☒ Is a float with chain attached to the shear valve or electronic sensor present to shut down the dispenser and/or turbine if liquid is present?
   Yes ☐ No ☐ If not, was an appropriate shut off device installed?

8. Yes ☒ No ☐ Do existing floats or electronic sensors shut off product flow (shear valve___, dispenser electronics_____ or turbine____)?
   Yes ☐ No ☐ If not, were repairs conducted to ensure product shutdown in the event of liquid intrusion?

9. Yes ☐ No ☐ If dispenser containment is not present is metal product piping free of contact with the backfill materials?

UST Electronic Monitoring System CHSC 25291(a)(b)

1. Brand and model of monitoring system? Ronan X765

2. Yes ☐ No ☒ Does the monitor have a printer?

3. Yes ☒ No ☐ Is the alarm both audible and visual?
   Yes ☐ No ☐ If not, was the system repaired or replaced for proper function?

4. Yes ☐ No ☒ Does the monitor shut down the turbines (suction system) in the event of a leak?
   Yes ☐ No ☐ If not, was the system repaired to meet the manufactures and regulatory requirements?

   ** All sensors (sumps, annular space, fiber trench, dispenser pan) must shut down the turbines in the event of any liquid intrusion (water, fuel, etc).*

5. Yes ☐ No ☒ Is leak or alarm history available?

   Yes ☐ No ☐ If so, attach a copy to this report.

Waste Oil UST:

☐ Double Wall ☐ Single Wall (not allowed)

1. Yes ☐ No ☐ Is an annular space sensor present?
   Yes ☐ No ☐ If not was an appropriate sensor installed?
2. Yes ☐ No ☐ Does the UST have a fill sump? (required)
3. Yes ☐ No ☐ Is an overfill alarm present? (required)

Facility:

1. Yes ☐ No ☐ Does the emergency shut off switch terminate product flow to the dispenser? UFC Article 52 Sec 5201.5.3
2. Yes ☐ No ☐ Is the ESO within 100 feet, but not less than 20 feet from dispensers?
3. Yes ☐ No ☐ Are fire extinguishers present and serviced within the last 12 months? They must have a minimum rating of 2-A, 20-B:C and be located within 75 feet from any sump, dispenser or fill-pipe opening. (Sec 5202.9)
4. Yes ☐ No ☐ Are signs indicating the location of the fire extinguishers present?
5. Yes ☐ No ☒ Is the facility address displayed to be visible from the address street?
6. Yes ☒ No ☐ Are UST vent pipe openings at least 12' above grade, at least 2' above the Roof peak and greater than 5' from any electrical source (lighting, etc.)? Sec. 5202.13.3.9
7. Yes ☐ No ☐ Are "Breakaway Devices" installed on dispenser hoses? Sec. 5202.4.3.2
8. Yes ☐ No ☐ Do "Automatic Tank Gauges" (ATGs) conduct monthly volumetric test (for single wall USTs)? CCR Title 23, Article 4, Sec. 2643
9. Yes ☐ No ☐ Are ATGs certified annually?
10. Yes ☐ No ☐ Are the facility's UST permits current? Expiration date _____.
11. Yes ☒ No ☐ Does the facility have a Business Plan? Last update 2-8-01.
    Yes ☒ No ☐ Is the Business Plan current?
12. Yes ☒ No ☐ Does the facility have a Certificate of Financial Responsibility?

Inspector Signature _____ Date _____

Contractor signature _____ Date _____

ENVIRONMENTAL HEALTH SERVICES

COUNTY OF SAN BERNARDINO
ENVIRONMENTAL
PUBLIC WORKS AGENCY

☑ 385 North Arrowhead Avenue • San Bernardino, CA 92415-0160 • (714) 387-4646
☐ 320 East "D" Street • Ontario, CA 91764 • (714) 391-7570
☐ 15505 Civic Drive • Victorville, CA 92392 • (619) 243-8141
☐ 17830 Arrow Highway • Fontana, CA 92335 • (714) 829-6244
☐ 57407 Twentynine Palms Highway • Yucca Valley, CA 92284
☐ San Bernardino County Vector Control Program
2355 East Fifth Street • San Bernardino, Ca 92415 • (714) 383-3200
☐ Environmental Enforcement and Housing
172 West Third Street • San Bernardino, CA 92415-0315 • (714) 387-6512/6515
☐ Air Pollution Control District
15428 Civic Drive, Suite 200, Victorville, CA 92392 • (619) 243-8200

PAUL F. RYAN, R.E.H.S.
Director

Also serving the cities of:

Adelanto	Loma Linda
Apple Valley	Montclair
Barstow	Needles
Big Bear Lake	Ontario
Chino	Rancho Cucamonga
Colton	Redlands
Fontana	Rialto
Grand Terrace	San Bernardino
Hesperia	Twentynine Palms
Highland	Upland

Victorville

April 10, 1990

INDUSTRIAL ASPHALT
2340 W. Highland
San Bernardino, CA 92405

The plans submitted for the underground storage facility at the above referenced location have been conditionally approved. The approval includes containment and leak detection systems for the tanks and piping and overfill protection for the tanks. It shall not take the place of any other required approvals (e.g., fire, electric, air quality. Additional recommendations and/or requirements are:

1. A minimum of 12" of bedding is required for setting the tanks.

2. Where metal piping is of dissimilar metal to the tanks, they must be electrically isolated from tanks by the use of non-conductive bushings. Metal pipes and fittings are to be wrapped with hydrocarbon resistant tape or an equivalent approved by this Department.

3. The original excavation for the secondary container shall have a water tight cover which extends at least one foot beyond each boundary of the original excavation. This cover shall be asphalt, reinforced concrete, or equivalent material which is sloped to drainways leading away from the excavation. Manways shall be constructed as water tight as practical.

4. The M.S.A. electronic monitoring system is approved by this Department provided it is installed according to manufacturer's specifications by a certified contractor.

PLEASE SEE ATTACHED SHEETS FOR INFORMATION ON INSPECTION AND SCHEDULING REQUIREMENTS.

If you have any questions, please call at (714) 387-3080.

Jim E. Smith T.L.B.

JIM E. SMITH, R.E.H.S.
HAZARDOUS MATERIALS FIELD SERVICES

HAP**JES:tlb**

County Administrative Officer
B. L. INGRAM, Administrator
Environmental Public Works Agency

Board of Supervisors
MARSHA TUROCI . . . . . First District
JON D. MIKELS . . . . . Second District
ROBERT L. HAMMOCK . . . . . Fifth District
BARBARA CRAM RIORDAN . . . . Third District
LARRY WALKER . . . . . Fourth District

SAN BERNARDINO COUNTY
DEPT. ENVIRONMENTAL HEALTH SERVICES
It is unlawful to make any changes or alterations of these plans without the approval of the DEHS. The approval of this plan and specifications SHALL NOT be construed to permit the violation of any law. See the attached list of Health Department conditions.

PLANS APPROVED
AS CORRECTED
Date APRIL 10, 1990
SAN BERNARDINO COUNTY
Environmental Health Services
By James E. Smith

Fence

West. HIGHLAND AVE.

AGGREGATE STORAGE

SHED

Fence

GATE

FUEL OIL SUPPLY LINE AND CONTAINMENT PIPE

VENT LINE

FILL

12,000 GALLON JOOR DOUBLE WALL UNDERGROUND FUEL OIL TANK. SEE SECTION (A) FOR DETAILS.

BAG HOUSE

DRUM DRYER

ELECTRICAL

TRANSFORMER

BATCH PLANT

ELECTRICAL CONDUIT FOR MONITOR PROBES

Remove EXISTING 12,000 GALLON Diesel UNDER GROUND STORAGE TANK

85'

SCALES

OFFICE/SCALE HOUSE

MONITOR CONTROL BOX

Fence

EVACUATION STAGING AREA

N

TANK REMOVAL PLAN

PLOT PLAN AND PIPING DETAIL

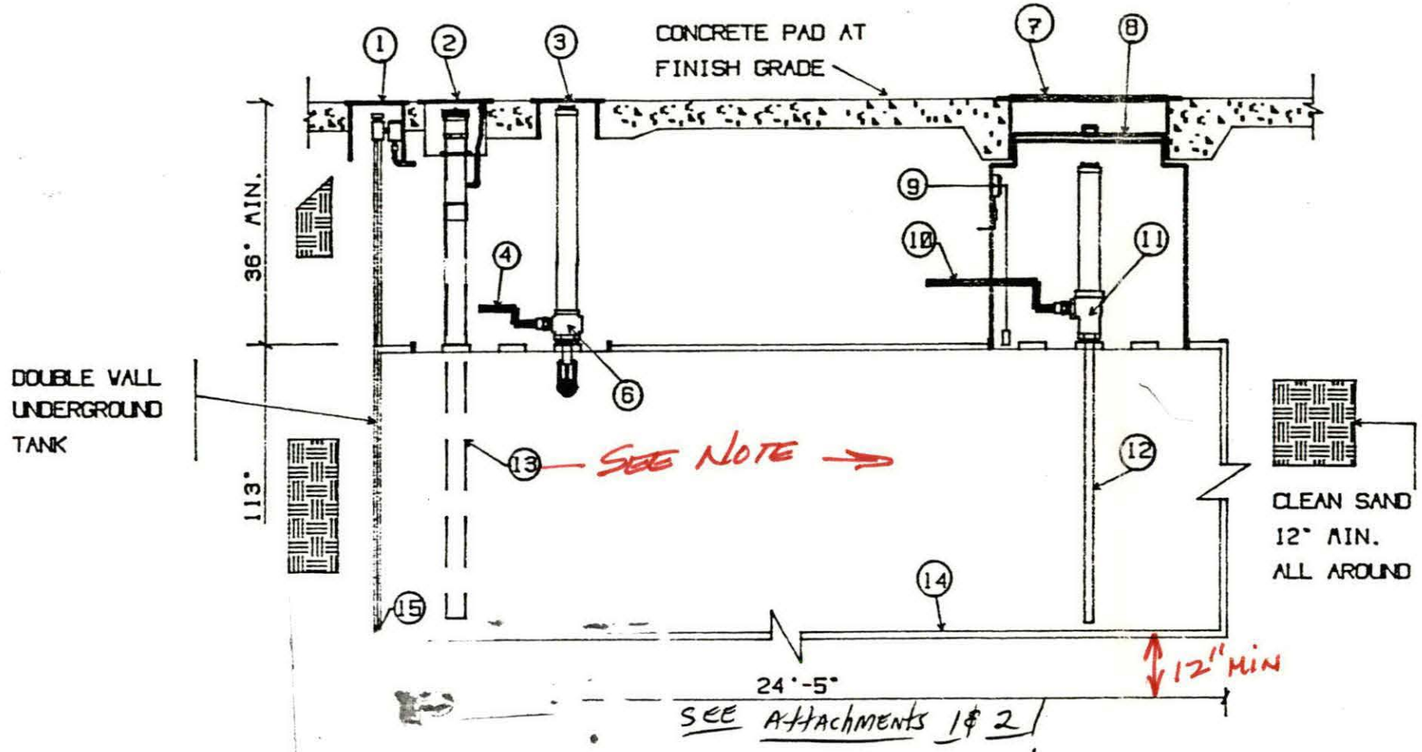
(B)

INDUSTRIAL ASPHALT - SAN BERDO.
2340 W. HIGH LAND AVE.
SAN BERNARDINO 92405

DATE: 05-12-89	DRAWN: FDR
SCALE: 1"=40'	REVISE:

RENFROW CONSTRUCTION

2 OF 2



(A) UNDERGROUND TANK SECTION - DIESEL TANK

NOTES

1- ALL PIPING TO SLOPE 1/4" PER FOOT (MIN) TOWARD FUEL OIL TANK

2- VENT RISER TO BE INSTALLED 18" (MIN) ABOVE HIGHEST ROOF POINT

3- LEAK MONITOR PANEL TO BE INSTALLED IN A LOCATION OF A FREQUENTLY USED AREA

4- TANK IS METHANOL COMPATIBLE. ALL READILY ACCESIBLE COMPONENTS WHICH ARE NOT METHANOL COMPATIBLE FOR THE IMMEDIATE INTENDED SERVICE SHALL BE RETROFITTED TO THE FUELS INTO THE STORAGE SYSTEM.

REFERENCES

1. #214R-8SG 12" DIA. CNI WATER TIGHT MONITOR MANHOLE
2. #200 CNI FIL-SPIL CONTAINMENT BOX WITH FILL CAP & ADAPTOR
3. #214R-8SG 12" DIA. CNI WATER TIGHT MANHOLE & #412-40 UNIVERSAL PIPE CAP
4. 2" VENT LINE WITH EMCO WHEATON 2" VENT CAP
5. UNUSED
6. V421-0020 CNI BALL FLOAT VALVE & EXTRACTOR ASSEMBLY
7. #231-2036 36" SQ. CNI WATER TIGHT MANHOLE
8. 42" DIA. FIBERGLASS CONTAINMENT SUMP & LID BY AMERICAN LINING CO.
9. MSA SUMP & PIPE MONITOR PROBE
10. 2" FRP PRODUCT LINE & TOTAL CONTAINMENT SECONDARY CONTAINMENT PIPE SYSTEM
11. 410E-20 UNIVERSAL 2" DOUBLE POPPET ANGLE CHECK VALVE
12. SUCTION STUB OPW # 6150 OR EQUAL
13. ~~4" MORRISON ALUMINUM DROP TUBE~~
14. 12.000 GALLON JOOR DOUBLE WALL U/G TANK
15. MSA TANK MONITOR PROBE

INDUSTRIAL ASPHALT	
DATE: 05-10-89	DRAWN BY: FDR
SCALE: NONE	REVISE:
RENFROW CONSTRUCTION CO.	
	1 OF 2

MSA INSTRUMENTS

TANKGARD™ LEAK DETECTION SYSTEM

24-HOUR MONITORING FOR LEAKING UNDERGROUND STORAGE TANKS



Leaking underground storage tanks have recently been identified as potential sources for both soil and groundwater contamination. Local, state and federal agencies are already taking action to help reduce possible environmental damage by legislating tough new guidelines regarding the installation, location and monitoring of underground storage tanks.

To help facilities comply with both current and proposed pollution control measures, MSA is introducing the Tankgard Leak Detection System. This low-cost, low-maintenance instrument can detect gasoline and other light hydrocarbon vapors that can leak from underground storage tanks. A liquid sensor is also available to detect the presence of liquid buildup.

The instrument is comprised of four long-life, solid-state sensors. The vapor or liquid sensors are connected to a centrally located monitoring and alarm module. The sensors can be located up to 500 feet from the monitor. Placed in bore holes around the perimeter of the tank or between the tank's walls, the sensors continuously monitor for vapor or liquid presence. Signals are then sent back to the alarm module.

FEATURES

- Simple setup and operation. No complex procedures or calibration equipment.
- Background interferents (such as methane) cancelled during setup.
- Long-life, solid-state sensors that are not degraded by high vapor concentrations or liquid submersions.
- Intrinsically safe sensors for Class I, Division 1, Groups C&D, as defined by the National Electrical Code.
- UL listed.
- Maintenance is reduced to a simple sensitivity check. (Expose the vapor sensor to hydrocarbon vapors and check its response.)
- Relays are standard for remote alarm and remote trouble.
- Audible and visual alarms provided with front panel test button. Discrete LED's inside the unit provide indication of which sensor has caused the alarm or trouble.
- Built-in time delay to prevent false alarms.
- Up to 4 interchangeable liquid or vapor sensors.
- Key lock hinged cover.
- Weatherproof enclosure available.
- Miniature vapor or liquid sensors are available for use between the walls of small tanks.



MSA
INSTRUMENTS

SPECIFICATIONS

OPERATING

Operating Temperature:
Sensor: −5°F to +122°F (−20°C to +50°C)
Monitor: −5°F to +122°F (−20°C to +50°C)

Response Time:
Vapor sensor: 30 seconds max
Liquid sensor: 30 seconds max

Recover Time:
Vapor sensor: 1 minute max
Liquid sensor: 1 minute max

Alarm Delay Time: Immediate or 3 ±0.5 hours (can be bypassed)

Sensor Life:
Vapor sensor: 2 years min
Liquid sensor: 2 years min

Effects of Liquid Immersion:
Vapor sensor: No damage
Liquid sensor: Activates alarm

Max Wire Distance: 500 ft using 18 AWG (monitor to sensor)

PHYSICAL

Power Requirement: 115/220 Vac, 60 VA, 60 Hz

Dimensions:
Monitor: 8¼"h x 6¼"w x 4¼"d
Large liquid or vapor sensor: ¾"dia x 2½"long,
Miniature liquid sensor: ½"dia x 1½"long
Miniature vapor sensor: ⅜"dia x 1½"long
(14 ft of lead wire is attached to all sensors)

Weight: 7 lb

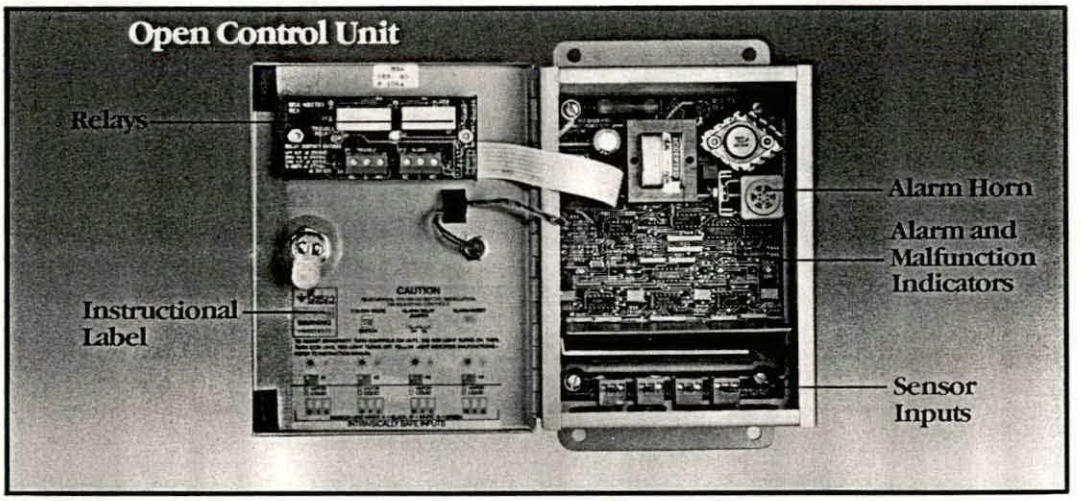
Equipment Classification:
Liquid or Vapor Sensors: Intrinsically safe for Class I, Div. 1, Groups C&D*
Monitor: General purpose

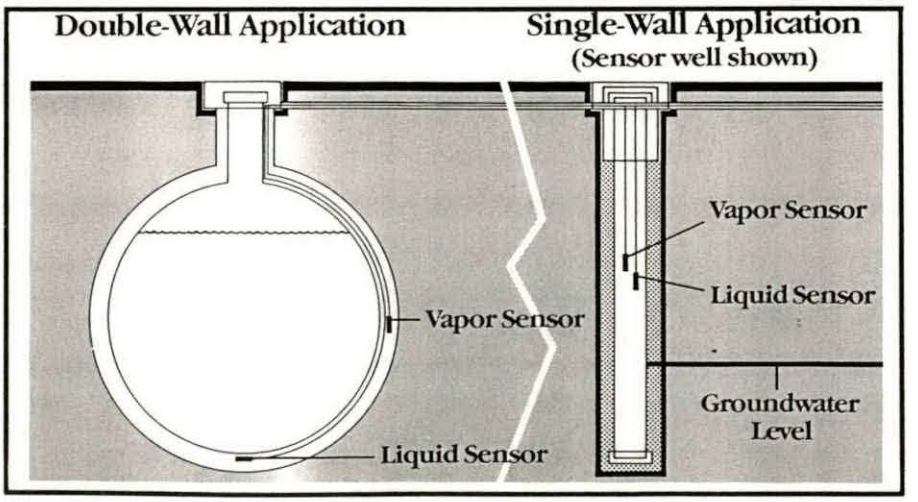
*As defined by the National Electric Code and UL listed 24RI

ORDERING INFORMATION

CATALOG NUMBERS

481275	Liquid Sensor
480219	Vapor Sensor
481532	Tankgard Underground Monitor
483525	Weatherproof Tankgard Monitor
482607	Miniature Liquid Sensor
482608	Miniature Vapor Sensor





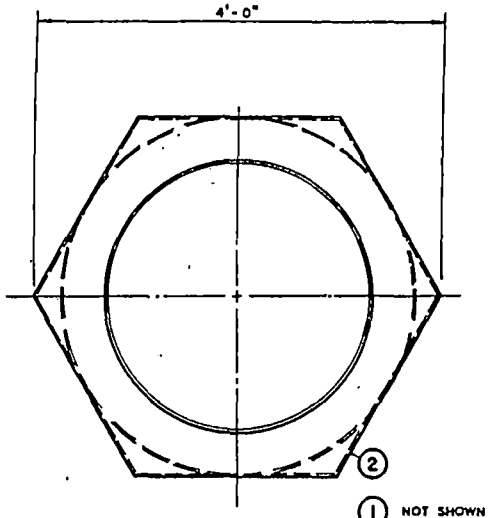
RECEIVED
JUN 02 1989
HEALTH CARE AGENCY
Environmental Health

Note: This Data Sheet contains only a general description of the Tankgard Leak Detection System by MSA. While uses and performance capabilities are described, under no circumstances should the product be used except by qualified, trained personnel, and not until the instructions, labels or other literature accompanying the product have been carefully read and understood and the precautions therein set forth followed. Only they contain the complete and detailed information concerning this product.

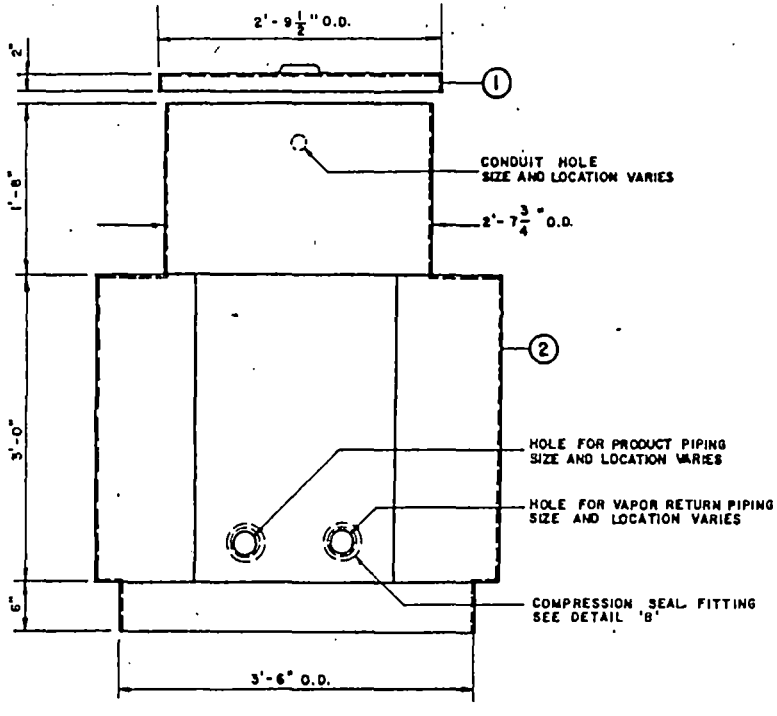
MSA
Offices and representatives in principal cities worldwide.
In U.S. call Instrument Division toll free 1-800-MSA-INST.
To reach MSA International, call (412) 967-3000 or Telex 812453.

Instrument Division: P.O. Box 427, Pittsburgh, PA 15230 USA.

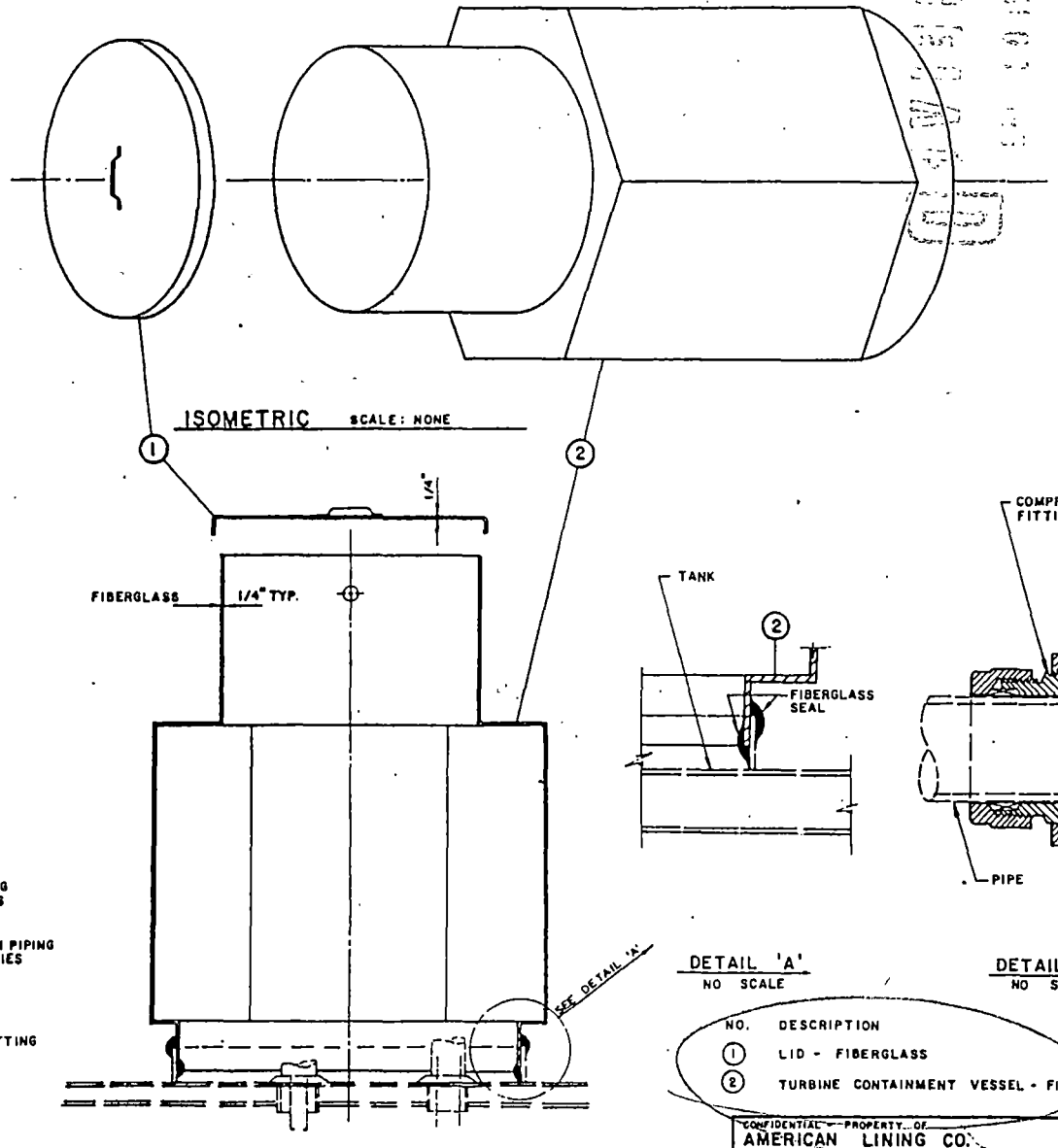
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Printed in U.S.A. 87(L)



PLAN SCALE: NONE



ELEVATION SCALE: NONE



ISOMETRIC SCALE: NONE

SECTION SCALE: NONE

DETAIL 'A'
NO SCALE

DETAIL 'B'
NO SCALE

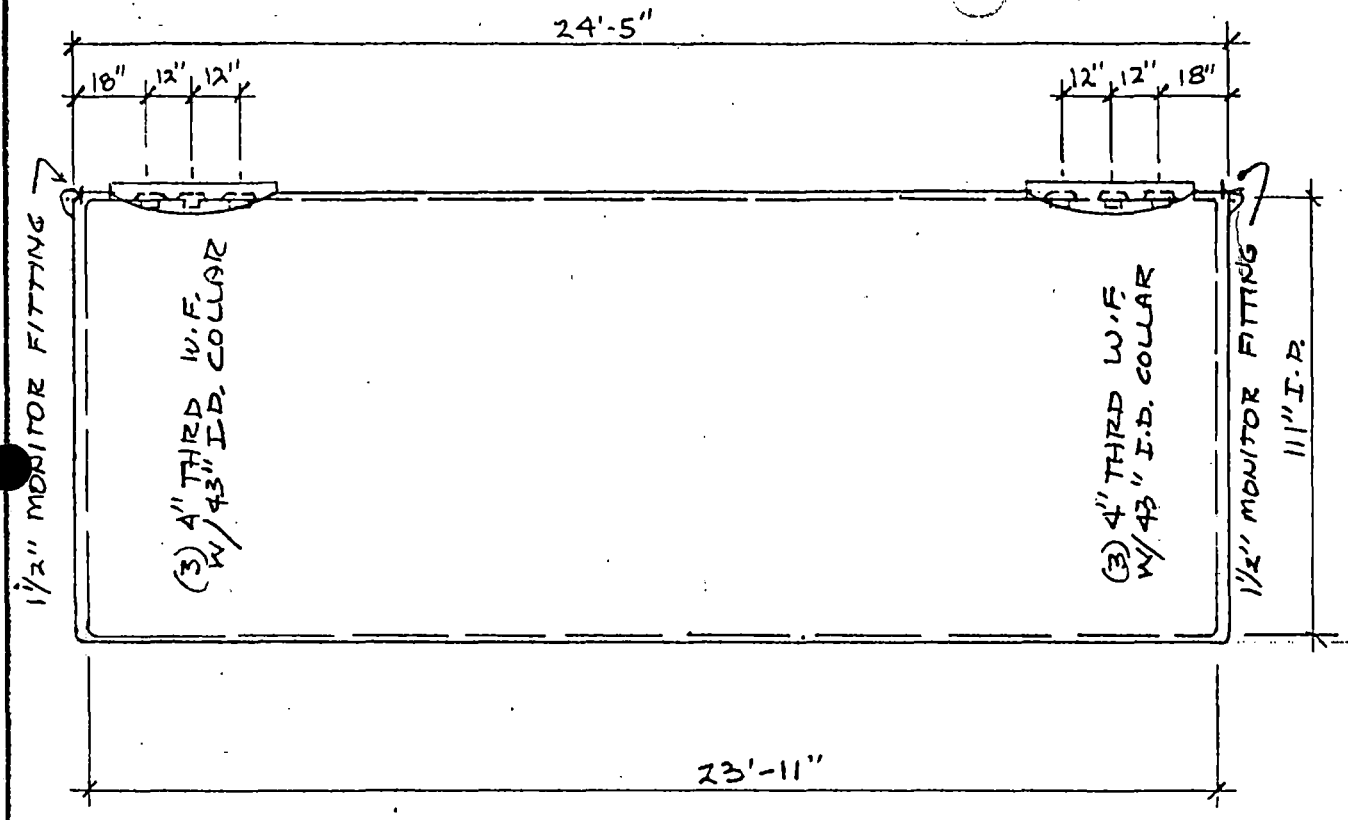
NO.	DESCRIPTION
1	LID - FIBERGLASS
2	TURBINE CONTAINMENT VESSEL - FIBERGLASS

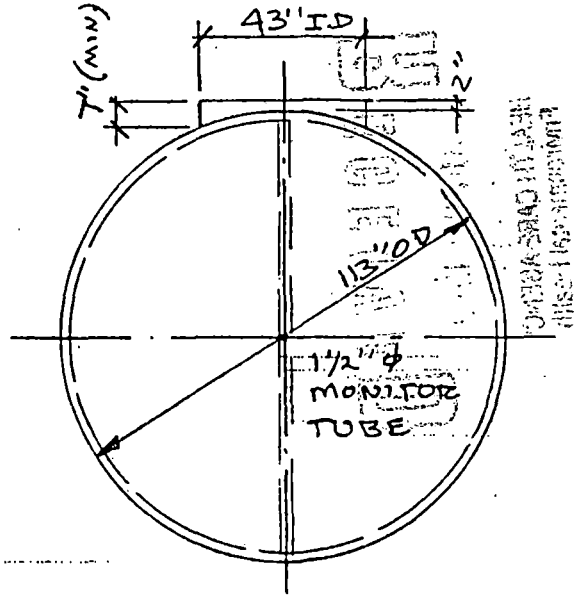
CONFIDENTIAL - PROPERTY OF
AMERICAN LINING CO.
P.O. BOX 80593 BAKERSFIELD, CA. 93380

SCALE: none	APPROVED BY: Y.S. FONTES JR.	DRAWN BY Y.S.F.
DATE: 3/8/88		REVISED

TURBINE CONTAINMENT VESSEL
WITHOUT BOTTOM

DRAWING NUMBER
2 OF 4





NOTES:

1.) TANK TO CARRY U.L. TYPE II COMPOSITE LISTING LABEL & L.A.F.D. LABEL.
2.) EXTERIOR TO BE DOOR PLASTEEL PER SPECIFICATION ATTACHED.
3.) MONITOR VENTING NOT REQUIRED.
4.) STRIKER PLATES UNDER ALL FITTINGS IN PRIMARY TANK.

JOOR MANUFACTURING INC

1189 INDUSTRIAL AVENUE
ESCONDIDO, CALIFORNIA 92025
PHONE (619) 745-0971

SCALE: NONE	APPROVED BY: Specimen submittal	DRAWN BY TLJ
DATE:		REVISED

12,000 GALLON DOUBLE WALL PLASTEEL COMPOSITE TANK — TYPE 7

DRAWING NUMBER

MSA INSTRUMENTS

TANKGARD™ LEAK DETECTION SYSTEM

24-HOUR MONITORING FOR LEAKING UNDERGROUND STORAGE TANKS



Leaking underground storage tanks have recently been identified as potential sources for both soil and groundwater contamination. Local, state and federal agencies are already taking action to help reduce possible environmental damage by legislating tough new guidelines regarding the installation, location and monitoring of underground storage tanks.

To help facilities comply with both current and proposed pollution control measures, MSA is introducing the Tankgard Leak Detection System. This low-cost, low-maintenance instrument can detect gasoline and other light hydrocarbon vapors that can leak from underground storage tanks. A liquid sensor is also available to detect the presence of liquid buildup.

The instrument is comprised of four long-life, solid-state sensors. The vapor or liquid sensors are connected to a centrally located monitoring and alarm module. The sensors can be located up to 500 feet from the monitor. Placed in bore holes around the perimeter of the tank or between the tank's walls, the sensors continuously monitor for vapor or liquid presence. Signals are then sent back to the alarm module.

FEATURES

Simple setup and operation. No complex procedures or calibration equipment.

Background interferents (such as methane) cancelled during setup.

Long-life, solid-state sensors that are not degraded by high vapor concentrations or liquid submersions.

Intrinsically safe sensors for Class I, Division 1, Groups C&D, as defined by the National Electrical Code.

UL listed.

Maintenance is reduced to a simple sensitivity check. (Expose the vapor sensor to hydrocarbon vapors and check its response.)

Relays are standard for remote alarm and remote trouble.

Audible and visual alarms provided with front panel test button. Discrete LED's inside the unit provide indication of which sensor has caused the alarm or trouble.

Built-in time delay to prevent false alarms.

Up to 4 interchangeable liquid or vapor sensors.

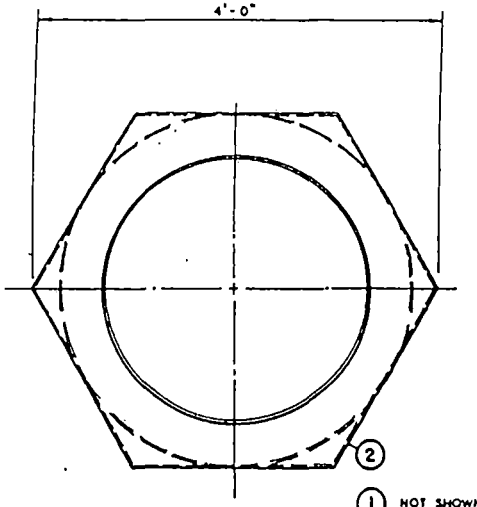
Key lock hinged cover.

Weatherproof enclosure available.

Miniature vapor or liquid sensors are available for use between the walls of small tanks.

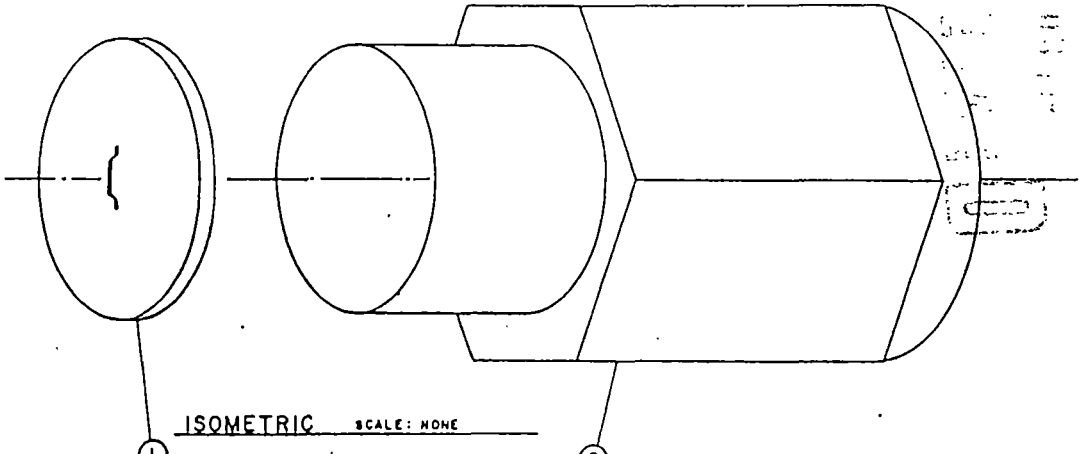


MSA
INSTRUMENTS

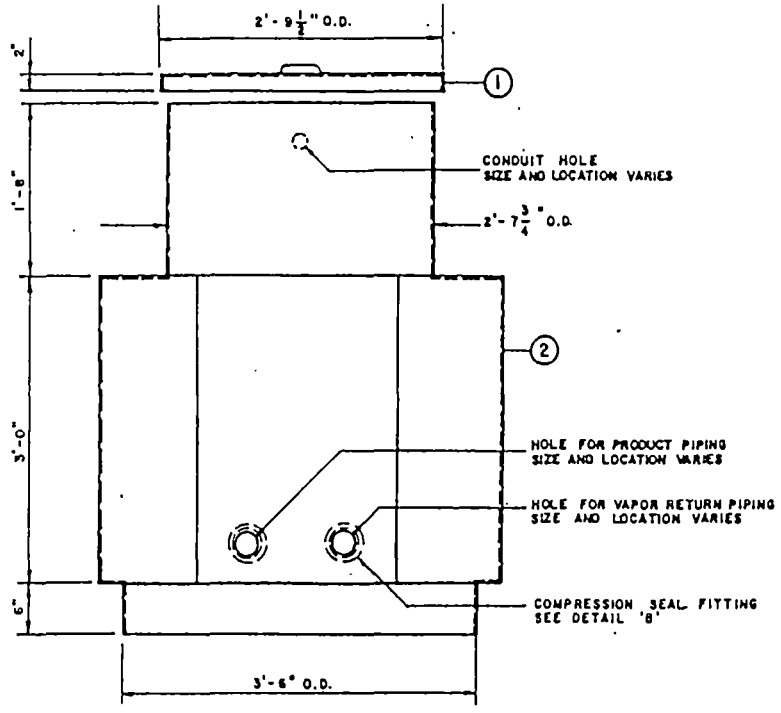


① NOT SHOWN ON THIS VIEW

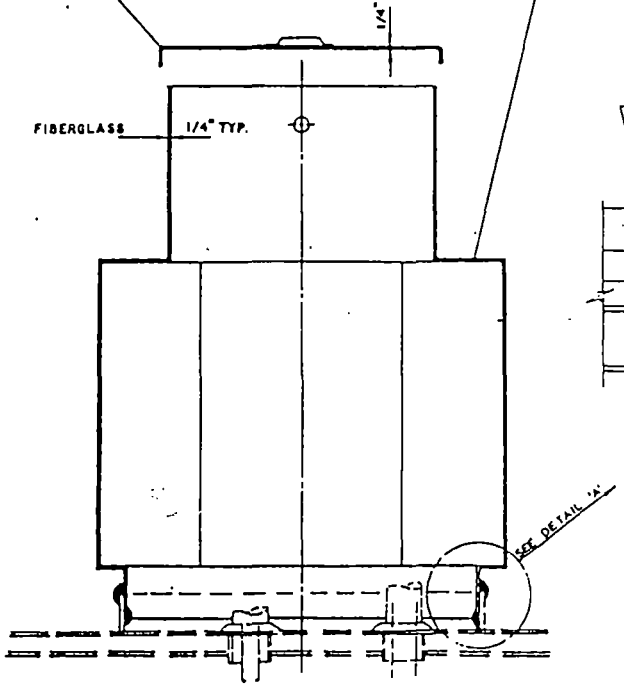
PLAN SCALE: NONE



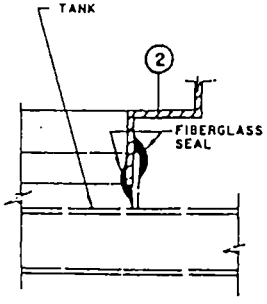
ISOMETRIC SCALE: NONE



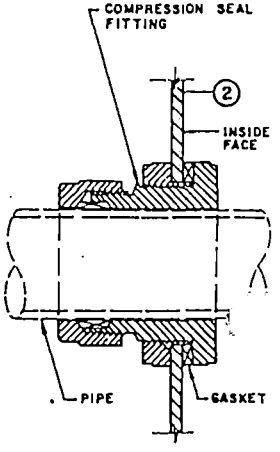
ELEVATION SCALE: NONE



SECTION SCALE: NONE



DETAIL 'A'
NO SCALE



DETAIL 'B'
NO SCALE

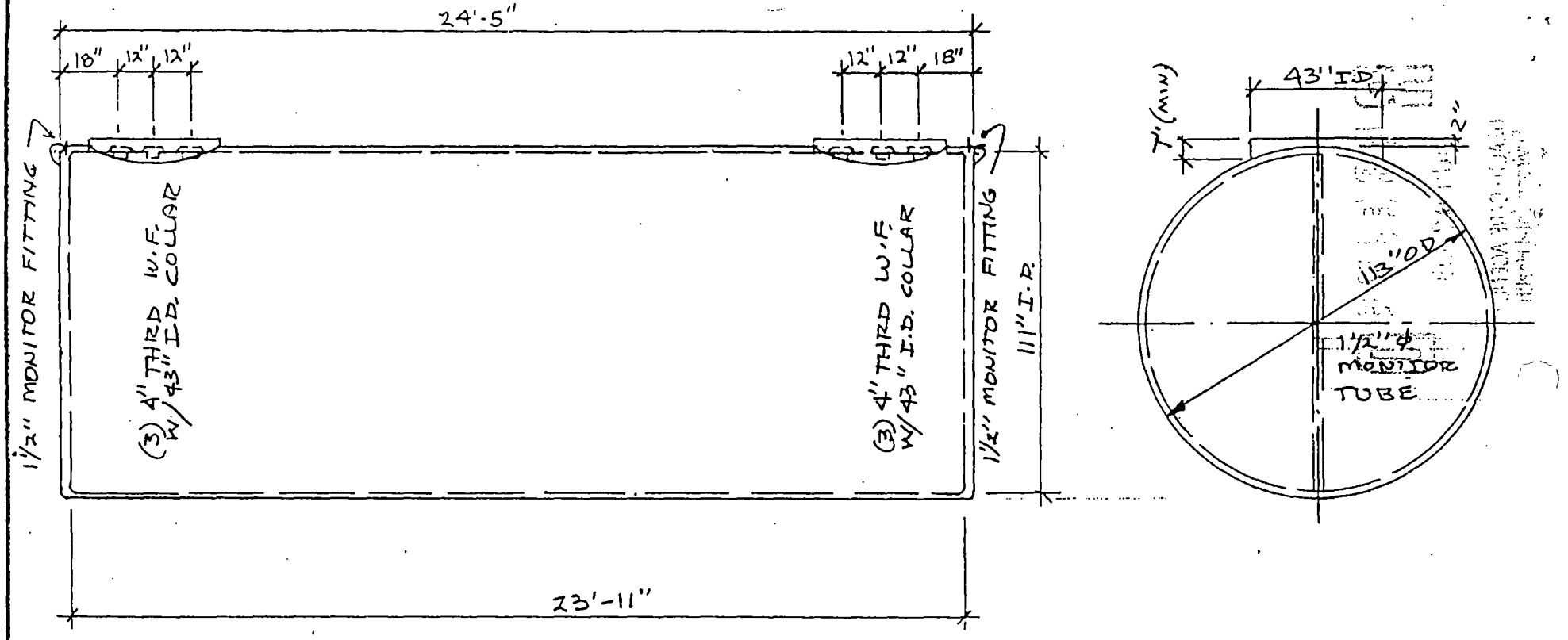
NO.	DESCRIPTION
①	LID - FIBERGLASS
②	TURBINE CONTAINMENT VESSEL - FIBERGLASS

CONFIDENTIAL - PROPERTY OF
AMERICAN LINING CO.
P.O. BOX 80593 BAKERSFIELD, CA. 93380

SCALE: NONE | APPROVED BY: Y.S. FONTES JR. | DRAWN BY Y.S.F.
DATE: 3/8/88 | REVISED

TURBINE CONTAINMENT VESSEL
WITHOUT BOTTOM

DRAWING NUMBER
2 OF 4



NOTES:

1.) TANK TO CARRY U.L. TYPE II COMPOSITE LISTING LABEL & L.A.F.D. LABEL.
2.) EXTERIOR TO BE DOOR PLASTEEL PER SPECIFICATION ATTACHED.
3.) MONITOR VENTING NOT REQUIRED.
4.) STRIKER PLATES UNDER ALL FITTINGS IN PRIMARY TANK.

JUMP MANUFACTURING INC
1189 INDUSTRIAL AVENUE
ESCONDIDO, CALIFORNIA 92025
PHONE (619) 745-0971

SCALE: NONE	APPROVED BY: Specimen submittal	DRAWN BY TLJ
DATE:		REVISED

12,000 GALLON DOUBLE WALL PLASTEEL COMPOSITE TANK — TYPE 7

DRAWING NUMBER

INDUSTRIAL ASPHALT

July 12, 1990

Glenn M. Fleming
Department of Environmental Health Services
County of San Bernardino
385 North Arrowhead Ave.
San Bernardino, CA 92415-0160

REF: 2340 W. Highland
San Bernardino, CA 92405

Dear Mr. Fleming:

A 10,000 gallon diesel tank was removed at the above location by Renfrow Construction on 5-22-90.

The attached test results taken of soil samples under each end of tank indicates the presence of hydrocarbons.

In order to establish the extent and source of the hydrocarbons, we are currently requesting proposals from several environmental consultants to perform a site assessment.

We will advise you of our schedule prior to beginning work.

Please contact Dwight Beavers at (818) 969-7951 if you have any questions.

Very truly yours,

Dwight Beavers

Dwight Beavers
Vice President
Technical - Administrative

cc: Jim Raysor
John DiBiase

6623 Calle Eva Miranda, Azusa, CA 91702 Mailing Address: P.O. Box 2263, Irwindale, CA 91706 (818) 969-7951

GLOBAL
GEOCHEMISTRY
CORPORATION

TELEX: 4720127
FAX: (818) 992-8940

6919 ETON AVENUE • CANOGA PARK • CALIFORNIA 91303-2184 (818) 992-4103

Client: Renfrow Construction

WO#:5018
Project: Industrial Asphalt
Date:05-22-90

Sample Matrix: Soil
Collector: Client
Receiving Date: 05/21/90
Analysis Date: 05/22/90

Method: EPA 418.1
Sampling Date: 05/18/90
Extraction Date: 05/21/90
Completion Date: 05/22/90

Results:
EPA 418.1

GGC#	Sample I.D.	TPH Concentration ppm
Method Blank		ND
5018-1	TTS1890-1 (West End)	20380
5018-2	TTS1890-2 (East End)	14157
Detection Limit:		5

Analyst Li-Po Lee Supervisor Alan Jeffrey

ONSERVTECH, Inc.
85 S. Soto St.
nda, CA. 91059
(3) 583-8897

FIELD SAMPLING DATA and CHAIN OF CUSTODY LOG

Client: Reardon Construction
Address: 8721 Tamarack Ave.
City: Sunvalley State: CA Zip Code: 91352
Project Location: Existing Asphalt, 2340 N. Maclay, San Fernando
Sampler: T. Thorp Project No.:

e: 5/18/90
ntractor:
ler:

SAMPLE LOCATION (Fig. No.)	SAMPLE NO.	TIME	SAMPLE TYPE: WATER (GRAB)	WATER (COMP.)	SOIL (COMP.)	SOIL (GRAB)	VOLUME	CONTAINER TYPE: STAINLESS	BRASS	GLASS	OTHER	PRESERVATIVE	ICED: YES	ICED: NO	SAMPLING METHOD	ANALYSES
ast End Depth	TSRP90-1	12:45				✓	1 pint			✓			✓		backhoe bucket	418.1
ast End Depth	TSRP90-2	12:53				✓	1 pint			✓			✓		backhoe bucket	418.1

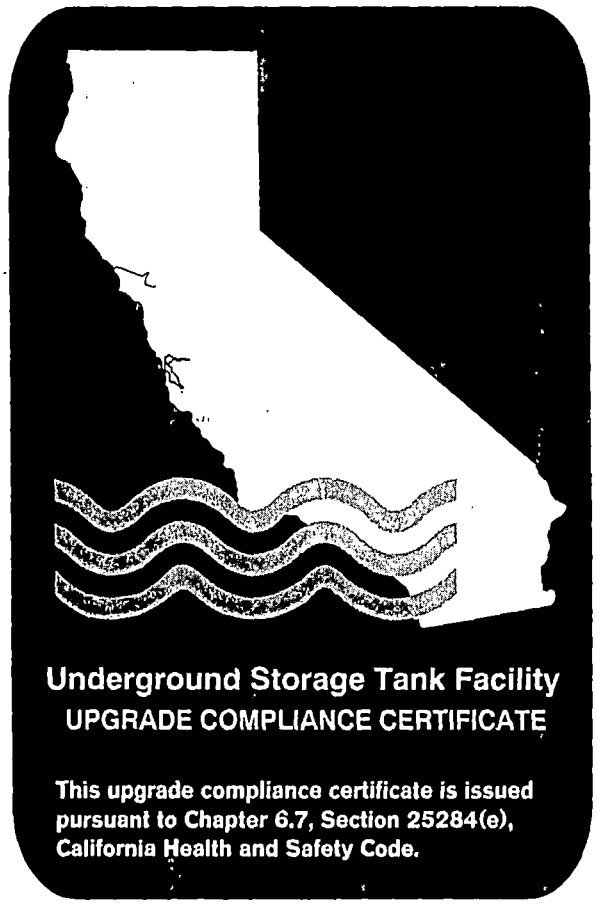
PLES: Seals attached yes ☑ no ☐
d: 24 HR ☐ 48 HR ☐ 72 HR ☐
e Required:
ather: Water-sunny, light breeze
l Notes: Tarry residues from tank
ntents in bottom of excav. +
ering bottom of tank; thick +
ors. Samples consist of gravel,
d & rusted sand, stained & black

CUSTODY RECORD (Signature, Date, Time)
Relinquished: T. Thorp 5-21-90 10:45
Received: [illegible] 5-21-90 10:45
Relinquished:
Received:
Relinquished:
Received:

LABORATORY:
SAMPLES: YES ☐ ICED NO ☐ YES ☐ SEALED NO ☐
Name:
Address:
City:
Phone No.:

SENT BY:A ; 5-23-90 9:28AM ; #182 P03 81→ J#12
03-02-00 22:40 T-

CA Cert. No. 16746



Underground Storage Tank Facility
UPGRADE COMPLIANCE CERTIFICATE

This upgrade compliance certificate is issued pursuant to Chapter 6.7, Section 25284(e), California Health and Safety Code.

An upgrade compliance certificate has been issued in connection with the operating permit for the facility indicated below. The certificate number on this facsimile matches the number on the certificate displayed at the facility.

Instructions to the issuing agency: Use the space below to enter the following information in the format of your choice: name of owner; name of operator; name of facility; street address, city, and zip code of facility; facility identification number (from Form A); name of issuing agency; and date of issue. Other identifying information may be added as deemed necessary by the local agency.

ESTABLISHMENT # 86008958
Owner: CAL MAT CO.
Operator: CAL MAT CO.
Facility: CAL MAT CO
2400 HIGHLAND AVE, SAN BERNARDINO 92405
Number of Tanks: 4

ISSUING AGENCY:
San Bernardino County Fire Department
Date: 4/20/95
Inspector: [signature]

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:

07/31/1999

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID

$152.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS -

4

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

FILE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/2001

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86C08958 PERMIT - 8702260927

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANK STATE FEE

FEE PAID $8.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 4

Richard W. Lewis
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

FILE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
ANNUAL INVOICE FOR PERMIT FEES DUE

Establishment No. **86008958**

DEMAND BILL

02/25/1999

Element Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	07/31/1998	08/01/1998-07/31/1999	152.00
8702260927	222801	07/31/2000	08/01/2000-07/31/2001	8.00

PLEASE REMIT PAYMENT BEFORE 4-15-99

ADD'L UST FOUND

MAR 15 1999

RECEIVED
MAR 03 1999
SAFETY DEPT.

PAID
Amt. 160.00
Date 3-10-99
By CE

BILL TO: CAL MAT CO.
ATTN: TOM LOWRY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

DBA: CAL MAT CO.

TOTAL AMOUNT DUE: 160.00

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

AD CO the San Bernardino County

ORIGINAL

1535807

, Calif., 3-10 19 99

RECEIVED FROM Cal mat $ 160.00

One hundred sixty + NO/100 DOLLARS

Court Case Name vs.

NATURE OF FEES		
SKX-106-155-9415	152	00
MRJ-106-106-9990	8	00
9536		
☐ CASH ☒ CHECK ☐ MONEY ORDER	160	00

Case No. 8008958

Cindy Echols
(SIGNATURE)

A/C II
(TITLE)

01-1[illegible]123 REV. 3-80

10-83

H ARDOUS MATERIALS FIELD SI ICES
COMPUTER DATA BASE UPDATE AUTHORIZATION

CHANGE [X]

(Circle one) INACTIVATE PERMIT/FACILITY [ ]

BILL TO: E A O LOC/DIST NO: 0700464 EST NO: 8600 8958

(Former Est. Name (if applicable)

E – Establishment Information

Name: Cal Mat Co

Street No: 2400 Fraction: _____ Direction: _____

Street Name: Highland Ave Apt/Ste/Unit No: _____

City: San Bernardino State: CA Zip Code: 92405

Attn: Telephone: ( )

A – Applicant Information

Name: _____

Street No: _____ Fraction: _____ Direction: _____

Street Name: _____ Apt/Ste/Unit No: _____

City: _____ State: _____ Zip Code: _____

Attn: Telephone: ( )

O – Owner Information

Name: _____

Street No: _____ Fraction: _____ Direction: _____

Street Name: _____ Apt/Ste/Unit No: _____

City: _____ State: _____ Zip Code: _____

Attn: Telephone: ( )

Program Information:

Number of Employees: _____ Number of UGST's: 3->4

Federal Tax I.D.Number/Social Security Number: _____

Permit Information: (Circle those that apply)

Change/Inactivate/Add: 222800 Permit No: 860304006L0

Change/Inactivate/Add: _____ Permit No: _____

Change/Inactivate/Add: _____ Permit No: _____

Change/Inactivate/Add: _____ Permit No: _____

Change/Inactivate/Add: _____ Permit No: _____

Date Submitted: 3.10.99 Date Entered: MAR 1 0 1999

Sumitted By: Tgadwin Entered By: ok vdm

Comments/Remarks: a Blue was sent to change tanks from 374. It doesn't appear that that 222800 was changed.

HA RDOUS MATERIALS FIELD SE CES
COMPUTER DATA BASE UPDATE AUTHORIZATION

Demand Bill 4-15 SHIPPED MAR 0 1 1999

CHANGE [X]

INACTIVATE PERMIT/FACILITY [ ]

BILL TO: E A O (Circle one) LOCATION/ DISTRICT NO: 07001164 EST NO: 81008958

Former Est. Name (if applicable) _____

Name: Cal Mat Co

Street No: 2400 Fraction: _____ Direction: _____

Street Name: Highland Ave Apt/Sp/Unit No: _____

City: San Bernardino State: CA Zip Code: 92405

Telephone: (909) 875-1150

Name: Cal Mat Co

Street No: PO Box 2950 / Fraction: _____ Direction: _____

Street Name: Trmnl Annex Apt/Sp/Unit No: _____

City: Los Angeles State: CA Zip Code: 90051

Telephone: ( )

Name: SAME AS A

Street No: _____ Fraction: _____ Direction: _____

Street Name: _____ Apt/Sp/Unit No: _____

City: _____ State: _____ Zip Code: _____

Telephone: ( )

Program Information:

Number of Employees: _____ Number of UGST's: 3→4

Federal Tax I.D.Number/Social Security Number: [redacted]

Permit Information: (Circle those that apply)

Change/Inactivate/Add: 222800 Permit No: 81603042060 = 152 00

Change/Inactivate/Add: 222801 Permit No: 87022600927 = 8 00

~~$160 00~~

Change/Inactivate/Add: _____ Permit No: _____

Change/Inactivate/Add: _____ Permit No: _____

Change/Inactivate/Add: _____ Permit No: _____

Date Submitted: _____ Date Entered: FEB 2 3 1999

Sumitted By: _____ Entered By: ak ram

Comments/Remarks: Change # of tanks from 3 to 4

Overpayment applied to charges. (12-17-96

~~Pred = A168 CreditBal used to cover charges for an additional UST.~~

~~Refund = Re-issued = 9-17-97 & Cashed 1-18-98.~~ Demand Bill ram 4-15 SHIPPED MAR 0 1 1999

Refunded 9-17-97 = Cashed 1-18-98

POST THIS CARD AT JOB SITE

SAN BERNARDINO COUNTY FIRE DEPARTMENT/CUPA
HAZARDOUS MATERIALS DIVISION
FIELD SERVICES/ENVIRONMENTAL PROTECTION
385 NORTH ARROWHEAD AVENUE, SECOND FLOOR
SAN BERNARDINO, CA 92415-0153

LOG # 010899-01 JOB CARD Nº 6022

~~INSTALL~~ REMOVE

mod-3

CONSTRUCTION AND/OR REMOVAL OF UNDERGROUND STORAGE FACILITY

Site Name Cal Mat
Address 2100 W. Highland Ave, San Bdno
Contractor Western Environmental
Address/Phone 16232 Santos Diaz, Azusa 714-901-10256

	INSPECTION RECORD	APPROVED	DATE
FIRST INSPECTION	Excavation Clean, Approved Slope		
	Bedding		
	Holiday/Soap Test, Tanks Set X		
	Manufacturer's UL #		
	Additional Requirements		
	DO NOT BACKFILL UNTIL ABOVE APPROVED		
SECOND INSPECTION	Tank Air Test 5 PSI/30 Minutes		
	Vent/Vapor Lines		
	Products Lines 75 PSI/30 Minutes	OK	3/24/99
	Product Line Containment		
	Metal Piping Wrapped		
	Sumps, Dispenser Pans Water Test	OK	3/24/99
THIRD INSPECTION	Approved Fill Boxes	OK	4/20/99
	Concrete or AC Paving 12" Beyond	OK	
	Leak Detectors/Monitors	OK	
	Lockable Fluid-Tight Access for Monitoring	OK	
	Precision Test Results		
	Dispenser Containment	OK	4/20/99
	Emergency Shut-off	OK	
	Additional Requirements		
	CERT # 16746		
REQUIRED PRIOR TO OPERATING	Business Plan		
	Monitoring Plan		
	Financial Responsibility		

FINAL APPROVAL AND CURRENT OPERATING PERMITS MUST BE OBTAINED PRIOR TO PLACING THESE TANKS INTO SERVICE ($5,000.00 FINE FOR NONCOMPLIANCE)

TANK REMOVAL INSPECTION	Tank(s) Removed X 8 UD		3-19-99
	Required Samples: 8020, 8015 MTBE, 418.1		
	Lead (pb) 7421 or ICP 6010, Metals EPA PP13		3-19-99
	Additional Test Requirements 8010		
	Sampling & Soil Removal at Island		
	Removals Cannot be Finaled Until a Signed Copy of the Sample Results Have Been Received and Approved by this Department.		
	Final — Approved for Backfill		

Remarks:

FAILURE TO PROTECT AND MAINTAIN THIS CARD MAY RESULT IN JOB DELAY.
PRESERVE THIS RECORD OF INSPECTIONS.

FOR INSPECTION CALL 48 HOURS IN ADVANCE AT (909) 387- 3082

THIS PERMIT EXPIRES DECEMBER 22, 1998

☐ PETROLEUM ☐ WASTE OIL ☐ OTHER

14-16867-670 Rev. 4/98

DISTRIBUTION: White — County Fire Department
Green — Contractor/Owner

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION — FIELD SERVICES/ENVIRONMENTAL PROTECTION
385 North Arrowhead Avenue, Second Floor, San Bernardino, CA 92415-0153
(909) 387-3082 • Fax (909) 387-4323

UNDERGROUND TANK CONSTRUCTION/ MODIFICATION APPLICATION

$ _____ First Tank

$ _____ Each Additional Tank

TANK INSTALLATION ☐
PIPING ONLY ☐
MODIFICATION ☐

JOB LOCATION

Calmat of San Bernardino
Facility Name and Contact Person — Phone No.

2400 W. Highland Ave San Bernardino, CA. 92405
Situs Address — City — Zip Code

Fire — Water/Sewer Agency

PROPERTY OWNER

Calmat Co. — 714-901-6256
Name — Phone No.

3200 N. San Fernando Rd.
Mailing Address — City — Zip Code

Los Angeles, CA. 90065
Owner's Representative — C. Tito Booth — Phone No. Proj mgr. 714-901-6256

TANK OWNER

Calmat Co. — Proj mgr. 714 901-6256
Name — Phone No. C Tito Booth

3200 N. San Fernando Rd.
Mailing Address — City — Zip Code

Los Angeles CA. — 90065

TANK DATA

Construction	Size	Contents	U.L. Number
	20K ~~Diesel~~	Diesel	
	12K ~~Gasoline~~	Gasoline	
	8K ~~Split~~	3500 Gal oil / 4500 waste oil	

CONTRACTOR

Western Environmental Contracting Inc. — Proj. Mgr. 714-901-6256
Company Name — Contact Person — Phone No.

6232 Santos Diaz St Azusa CA. 91702-3267
Mailing Address — City — Zip Code

WC7661-004111-018
Aon Risk Services, Inc of So. Calif. — 213-630-3200
Workman's Comp Insurance Carrier — Policy No.

719403 — A-General Engr. Contr. Haz. Hazardous sub. Removal
State Contractor's License No. — Types of Licenses — Expiration Date

C. Tito Booth — Proj. Mgr. 714. 901- 6256
Print Name Clearly — Phone

Signature — Date 1-8-99

OFFICE USE ONLY

New Facility ☐

Permitted Facility ☑ Yes ☐ No — 860089958 Establishment Number

Number of Tanks 3

Permits Current ☑ Yes ☐ No — 7·31·99 Expiration Date

$ 562.00 — Permit Fee Paid

1490941 — Receipt Number

Check Number 1092

Date Paid 1.8.99

Taken by Julie Caldera

Log Number 010899-01

Job Card Number 6022

03-19990-670 Rev. 5/98

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/1999

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86C08958 PERMIT - 9806096082

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - CONDITIONAL EXEMPTION STATE SVC CHG

FEE PAID $20.75

CAL MAT CO.
DBA: CAL MAT CO.
P C BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86C08958 PERMIT - 8603040060

THIS PERMIT EXPIRES:
07/31/1999

PERMIT

NON-TRANSFERABLE

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TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $135.50

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 3

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86C08958 PERMIT - 8701071107

THIS PERMIT EXPIRES:
07/31/1999

PERMIT

NON-TRANSFERABLE

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TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, 26-50 EMPLOYEES

FEE PAID $119.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Richard W. Lewis
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/1999

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 9709099832

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - STATE MANDATED FACILITY SERVICE FEE

FEE PAID $18.50

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86C08958 PERMIT - 8610290005

THIS PERMIT EXPIRES:
07/31/1999

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - SPECIAL GENERATOR

FEE PAID $57.25

CAL MAT CO.
DBA: CAL MAT CO.
P C BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

Fined

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
ANNUAL INVOICE FOR PERMIT FEES DUE

Establishment No. **86008958**

DEMAND BILL

06/22/1998

Element Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	07/31/1998	08/01/1998-07/31/1999	135.50
8701071107	226011	07/31/1998	08/01/1998-07/31/1999	119.00
9709099832	227001	07/31/1998	08/01/1998-07/31/1999	18.50
9806096082	227023	07/31/1998	08/01/1998-07/31/1999	20.75
8610290005	228707	07/31/1998	08/01/1998-07/31/1999	57.25

JUL 24 1998

PAID
Amt. 351.00
Date JUL 14 1998
By

BILL TO: CAL MAT CO.
ATTN: TOM LOWRY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

DBA: CAL MAT CO.

TOTAL AMOUNT DUE: 351.00

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

ORIGINAL

Office SB Cofus San Bernardino County

, Calif., 1-14 19 98

1-93927

RECEIVED FROM Cal Mat $ 351.00

Three hundred fifty one DOLLARS

Court Case Name vs.

NATURE OF FEES		
SKX-106-559415	311	25
NUH-106-106-9415	18	50
NUJ-106-106-9990	20	75
957990		
☐ CASH ☒ CHECK ☐ MONEY ORDER	351	00

Case No. 86008958

Cindy Echols
(SIGNATURE)

A/C II
(TITLE)

01-188A-123 REV. 3-80

10-83

COMPUTER DATA BASE UPDATE AUTH[illegible]ZATION

Change ☑

✓Demand Bill:

Inactivate Permit/Facility ☐
(circle one)

Bill To: E A O (cirle one) Location/District No: 700 Est No: 86008958

Former Est. Name: (if applicable): _____

Name: CalMat Co.

Street No.: 2400 Fraction: ___ Direction: W

Street Name: Highland Ave Apt/Sp No.: _____

City: S.B. State: ____ Zip Code: _____

Telephone No.: ( )

Name: _____

Street No.: _____ Fraction: ___ Direction: _____

Street Name: _____ Apt/Sp No.: _____

City: _____ State: ____ Zip Code: _____

Telephone No.: ( )

Name: _____

Street No.: _____ Fraction: ___ Direction: _____

Street Name: _____ Apt/Sp No.: _____

City: _____ State: ____ Zip Code: _____

Telephone No.: ( )

Program Information: *prorate 3 mo.

Number of Employees: _____ Number of UGST's: _____

Federal Tax I.D. Number/Social Security Number: _____

Permit Information: (Circle those that apply)

Change/Inactivate/Add 227023 Permit No.: 980609 6082 = 20.75
860 304 20 60 = 135.50

Change/Inactivate/Add *222800 *222801 Permit No.: 870226092[illegible] = [illegible]
*226011 870107 1107 = 119.25

Change/Inactivate/Add *228707 Permit No.: 861029000 5 = 57.

Change/Inactivate/Add 227001 Permit No.: 9709099832 = 18.50

Date Submitted: 5/21/98 Date Entered: JUN 09 1998

Submitted By: Lorita Entered By: ok Pam

Comments/Remarks:

Breakdown: 227023 96/97

Demand Bill Total = $20.75

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1999

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $542.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 3

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1999

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, 26-50 EMPLOYEES

FEE PAID $476.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Richard W. Lewis
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

THIS PERMIT EXPIRES:
04/30/1998

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $542.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 3

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1997

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $542.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 3

Richard W. Lewis
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8702260927

THIS PERMIT EXPIRES:
04/30/2001

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANK STATE FEE

FEE PAID $168.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 3

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

THIS PERMIT EXPIRES:
04/30/1997

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - SPECIAL GENERATOR

FEE PAID $508.55

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Richard W. Lowell
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

H RDOUS MATERIALS FIELD SER ES
COMI R DATA BASE PDATE AUTHOF TION

ok to file

Change ☒

Demand Bill SHIPPED NOV 19 1996 Inactivate Permit/Facility ☐
(circle one)

Bill To: E A O Location/ District No: _____ Est No: 86008958
(cirle one)
Former Est. Name: (if applicable): _____

Name: Cal Mat Co.
Street No.: 2400 Fraction: ___ Direction: ___
Street Name: Highland Apt/Sp No.: _____
City: San Bernardino State: CA Zip Code: _____
Telephone No.: ( )

Name: _____
Street No.: _____ Fraction: ___ Direction: ___
Street Name: _____ Apt/Sp No.: _____
City: _____ State: _____ Zip Code: _____
Telephone No.: ( )

Name: _____
Street No.: _____ Fraction: ___ Direction: ___
Street Name: _____ Apt/Sp No.: _____
City: _____ State: _____ Zip Code: _____
Telephone No.: ( )

Program Information:

Number of Employees: 35 Number of UGST's: 3 change #
Federal Tax I.D. Number/Social Security Number: _____

Permit Information: (Circle those that apply)

Change/Inactivate/Add 22280 Permit No.: 860304006Q UST
Change/Inactivate/Add 22280 Permit No.: 8762260927 ST
Change/Inactivate/Add 22 8702 → 228707 Permit No.: 8610290005 GEN ST. FEE
Change/Inactivate/Add 226003 → 226011 Permit No.: 8701071107 - HAND

Date Submitted: 11-13-96 Date Entered: NOV 15 1996
Submitted By: J Adams Entered By: cam

Comments/Remarks: Has taken over Industrial Asphalts operations (EST #86009111)

Rel BP

owing 122.05 on Handler fee.
Demand Bill. SHIPPED NOV 19 1996

P.P. for taxes, state fee & spec. gen.
if no permit has been sent to progra... DEC 13 1996 cam

add'l charges

1 HST = .11 = tot $542.

1 St. Fee = 56 = tot 168.00

Catg. change = 199.55 +

" " = 124.60 -

still owe $122.05 -

413.00

prorates = 228702 = 7 mo = ~~198.35~~ 95.45

" = 228707 = 5 mo = ~~142.85~~

" = 226003 = 7 mo = 103.25

" = 226011 = 5 mo. = 198.35

→ $1,520.05 owed

- 1398.00 pd

$122.05 still owed

Pd 401
708
177
112
$1398.00

owes 542
168
413.00
95.45
103.25
198.35
$1520.05

Co. FIRE DEPT.

County of San Bernardino — Environmental Management Group
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
AUTOMATED SYSTEM SUPPORT

PERMIT BILLING REFUND REQUEST

ESTABLISHMENT INFORMATION

Establishment No. 86008958 Permit No. 860304006O
8702260927
8701071107

Business Name Cal Mat. Co.

Owner's Name Cal Mat Co.

Business Address 2400 Highland Ave

City, State, Zip Code San Bernardino CA 92405

A REFUND CAN NOT BE PROCESSED WITHOUT THE FOLLOWING INFORMATION:

Business Phone (909) 875-1150 Owner's Phone (213) 258-2777

Business Federal ID No. 95-0645790 *(if refund paid to company)*

Owner's Social Security No. _____ *(if refund paid to owner)*

REFUND INFORMATION

Justification Over Paid * change Attention to: Tom Lowry

Refund Amount $ 710.00 Revenue Org. Code SKX-106-155 := $542.00

Cat. No. 222800, 222801 Reg. Key Codes NRI-106-106 = 168.00
~~226011, 228707~~

Requested By Jacquelyn Adams Approved By Peter Swift

ACCOUNTS RECEIVABLE INFORMATION

Billing System Adjusted By Virginia McCrary Date 1-7-97

Fiscal Unit Work Done By Cindy Echols Date 1-7-97

DISTRIBUTION: White — Establishment File
Canary — Fiscal
Pink — Billing

16-18724-631

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1997

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $401.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 2

Richard W. Lucero
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8702260927

THIS PERMIT EXPIRES:
04/30/2001

PERMIT

NON-TRANSFERABLE

- This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANK STATE FEE

FEE PAID $112.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 2

Richard Sweet
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
ANNUAL INVOICE FOR PERMIT FEES DUE

Establishment No. **86008958**

ANNUAL INVOICE

03/28/1996
PAGE 1 OF 1

Permit Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	04/30/1996	05/01/1996-04/30/1997	401.00
8702260927	222801	04/30/1996	05/01/1996-04/30/2001	112.00
8701071107	226003	04/30/1996	05/01/1996-04/30/1997	177.00
8610290005	228702	04/30/1996	05/01/1996-04/30/1997	708.00

MAY 07 1996

PAID 1398.00
Amt.
Date MAY 06 1996
By

BILL TO: CAL MAT CO.LUCERO, TONY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

DBA: CAL MAT CO.

TOTAL AMOUNT DUE: 1,398.00
ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

0700 (Return Top Portion With Payment)

Office SBCO Fire/Hz mat — San Bernardino County

, Calif., 5-3 19 96

ORIGINAL
1235390 00

RECEIVED FROM Cal Mat CO $ 2426

Two Thousand Four hundred Twenty Six DOLLARS

Court — Case Name — vs.

Case No. 8600934 8600895

NATURE OF FEES		
SKX-106-155 9415	2258	00
NRJ-106-106 9990	168	00
799806		
☐ CASH ☒ CHECK ☐ MONEY ORDER	2426	—

Cindy Echols
(SIGNATURE)

Fiscal
(TITLE)

01-188A-123 REV. 3-80

10-83

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
24[illegible]IGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

THIS PERMIT EXPIRES:
04/30/1996

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $401.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 2

Pamilla V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

THIS PERMIT EXPIRES:
04/30/1995

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS WASTE GENERATOR

FEE PAID $708.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Pamilla V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

THIS PERMIT EXPIRES:
04/30/1995

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER

FEE PAID $177.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P C BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Pamilla V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1995

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $401.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 2

Pamella V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

COUNTY OF SAN BERNARDINO
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
ANNUAL INVOICE FOR PERMIT FEES DUE

Establishment No. 86008958

ANNUAL INVOICE

03/30/1994

Permit Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	04/30/1994	05/01/1994-04/30/1995	401.00
8701071107	226003	04/30/1994	05/01/1994-04/30/1995	177.00
8610290005	228702	04/30/1994	05/01/1994-04/30/1995	708.00

PAID 1,286.00
Amt.
Date APR 19 1994
APR 26 1994

BILL TO: CAL MAT CO.LUCERO, TONY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

DBA: CAL MAT CO.

TOTAL AMOUNT DUE: BY 1,286.00
ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

0700 (Return Top Portion With Payment)

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1994

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $401.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 2

Pamilla V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

ESTABLISHMENT NUMBER: 86008958

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS IN THE SPACE PROVIDED. PLEASE COMPLETE ALL INFORMATION. PLEASE PRINT.

ESTABLISHMENT:

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
PHONE : (714) 875-1150
BILL ATTN :
PARCEL :
FED-ID/SSN:
CONTACT :
DR. LIC.: ST: EXP:

APPLICANT:

CAL MAT CO.LUCERO, TONY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051
PHONE : (213) 258-2777

OWNER:

CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051
PHONE : (213) 258-2777

IMPORTANT - ALL CORRESPONDENCE SHOULD BE SENT TO:

___ ESTABLISHMENT _✓_ APPLICANT ___ OWNER (Check One)

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED [signature] DATE 2-18-93 TITLE Director of Envir. Affairs

ESTABLISHMENT NUMBER: 86008958

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS IN THE SPACE PROVIDED. PLEASE COMPLETE ALL INFORMATION. PLEASE PRINT.

PERMIT: 8603040060 - UNDERGROUND STORAGE TANKS

NBR TANKS : 2

EMERGENCY CONTACT: Rollie Tougas
POSITION : Plant Manager
WORK PHONE : (909) 875-7150
24-HOUR PHONE : (800) 282-4924

FOR OFFICE USE ONLY:

CATGY: 222800 EXP: 04/30/1993 LOC: 64

SANI : 0700 MFR: APN:

ESTABLISHMENT NUMBER: 86008958

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS IN THE SPACE PROVIDED. PLEASE COMPLETE ALL INFORMATION. PLEASE PRINT.

PERMIT: 8610290005 - HAZARDOUS WASTE GENERATOR

NBR EMPLS : 35

TYPES OF WASTE GENERATED: waste oil
YEARLY VOLUME (LBS/GALS): 4003 gals
DISPOSAL METHOD : state manifest (recycled)

TYPES OF WASTE GENERATED: _____
YEARLY VOLUME (LBS/GALS): _____
DISPOSAL METHOD : _____

TYPES OF WASTE GENERATED: _____
YEARLY VOLUME (LBS/GALS): _____
DISPOSAL METHOD : _____

TYPES OF WASTE GENERATED: _____
YEARLY VOLUME (LBS/GALS): _____
DISPOSAL METHOD : _____

IF NEEDED, PLEASE ATTACH ADDITIONAL SHEETS OF INFORMATION

FOR OFFICE USE ONLY:

CATGY: 228702 EXP: 04/30/1993 LOC: 64

SANI : 0700 MFR: 220086 APN:

ESTABLISHMENT NUMBER: 86008958

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS IN THE SPACE PROVIDED. PLEASE COMPLETE ALL INFORMATION. PLEASE PRINT.

PERMIT: 8701071107 - HAZARDOUS MATERIAL HANDLER

NBR EMPLS : 35

HAZARDOUS MATERIALS HANDLED: waste oil
YEARLY VOLUME (LBS/GALS) : 4003 gals
DISPOSAL METHOD : state manifest (recycled)

HAZARDOUS MATERIALS HANDLED: _____
YEARLY VOLUME (LBS/GALS) : _____
DISPOSAL METHOD : _____

HAZARDOUS MATERIALS HANDLED: _____
YEARLY VOLUME (LBS/GAL) : _____
DISPOSAL METHOD : _____

HAZARDOUS MATERIALS HANDLED: _____
YEARLY VOLUME (LBS/GALS) : _____
DISPOSAL METHOD : _____

IF NEEDED, PLEASE ATTACH ADDITIONAL SHEETS OF INFORMATION
NOTE: NBR EMPLS IS THE NUMBER OF FULL-TIME EMPLOYEES

FOR OFFICE USE ONLY:

CATGY: 226003 EXP: 04/30/1993 LOC: 64

SANI : 0700 MFR: 033089 APN:

ENVIRONMENTAL
HEALTH SERVICES

93 FEB 24 AM 9:47

AMERICAN BUSINESS FORMS 138380
(714) [redacted]33 • FAX (714) 798-4283

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT
COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/93

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 86C3040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $310.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 2

Pamilla V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL
FILE COPY

POST IN A
CONSPICUOUS PLACE

MONTHLY

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

BILL DATE 03/30/92
HEALTH PERMIT EXPIRATION DATE 04/30/92

*** REMIT COPY ***

ESTABLISHMENT NBR 86008958

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

PERMIT NBR	CATEGORY	DESCRIPTION		BILL CODE	AMOUNT
360 060	222800	PREVIOUS BALANCE			0.00
		UNDERGROUND STORAGE TANKS		101	310.00
			PERMIT TOTAL		310.00
3610290005	228702	PREVIOUS BALANCE			0.00
		HAZARDOUS WASTE GENERATOR		101	680.00
			PERMIT TOTAL		680.00
3701071107	226003	PREVIOUS BALANCE			0.00
		HAZARDOUS MATERIAL HANDLER		101	170.00
			PERMIT TOTAL		170.00
			TOTAL DUE		1,160.00

APR 2 2 1992
APR 2 2 1992
APR 2 2 1992

PAID
Amt 1160.00
Date 4-16-92
By

ALL FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR CURRENT PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. REVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE AND APPLICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

IF YOU HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

FOOD ESTABLISHMENT PERMITS -- 387-4637
SWIMMING POOL PERMITS -- 387-4637
MILK & DAIRY ESTABLISHMENTS -- 387-4608
HAZARDOUS OR INFECTIOUS WASTE GENERATORS -- 387-3080
UNDERGROUND STORAGE TANK PERMITS -- 387-3080
HAZARDOUS MATERIAL HANDLER PERMITS -- 387-3044
MOBILEHOME PARK PERMITS -- 387-6515
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-6515
HOME OCCUPATION PERMITS -- 387-6512
TEMPORARY OFFICES/SIGNS -- 387-6512
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
DESIGNATED MAINTENANCE AREA -- 387-4666
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666
SPECIAL USE PERMITS -- 387-6512

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

IONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

'LEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION
ND ADDING THE CHANGES. *** PLEASE PRINT. ***

STABLISHMENT INFO	CAL MAT CO.	< ✓ CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER
714) 875-1150	2400 HIGHLAND AV	APPLICANT INFO CAL MAT CO.LUCERO, TONY
	SAN BERNARDINO, CA 92405	(213) 258-2777 P O BOX 2950/TRMNL ANNEX
		LOS ANGELES, CA 90051
EGAL OWNER INFO	CAL MAT CO.	IS THIS A TRANSFER? _____
21 58-2777	P O BOX 2950/TRMNL ANNEX	IF YES: FORMER ESTABLISHMENT NAME _____
	LOS ANGELES, CA 90051	FORMER OWNER _____

MPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ✓LEGAL OWNER ___APPLICANT

UMBER OF UNDERGROUND STORAGE TANKS: 2

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
Steve Becktel	Plant Foreman	(714) 875-1150	(800) 282-4924
Rollie Tougas	Prod. Mgr.	(714) 875-1150	(800) 282-4924

OFFICE USE ONLY 09	
EST NBR	86008958
PERMIT NBR	8603040060
FORMER EST NBR	
PERMIT CATEGORY	222800
EXPIR DATE	04/30/92
NEW, TRANS, RENEW	R
LOC CODE	64
SANI DIST	0700
MFR NBR	
APN	
PERMIT FEE	
STATE FEE	
DELINQUENT FEE	
TOTAL FEE REC'D	$370

HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED USINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY EREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF AN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS NCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE!

IGNED [signature] DATED 4-13-92 TITLE Director of Envir. Affairs

OTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

MONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO CAL MAT CO.
(714) 875-1150 2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

< ✓ > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO.LUCERO, TONY
(213) 258-2777 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

LEGAL OWNER INFO CAL MAT CO.
21 58-2777 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

IS THIS A TRANSFER? _____

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ✓ LEGAL OWNER ___APPLICANT

NUMBER OF EMPLOYEES: 35

OFFICE USE ONLY 10
EST NBR 86008958
PERMIT NBR 8610290005
FORMER EST NBR _____
PERMIT CATEGORY 228702
EXPIR DATE 04/30/92
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0700
MFR NBR 220086
APN
PERMIT FEE _____
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D $680

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

SIGNED Tony Lucero DATED 4-13-92 TITLE Director of Envir. Affairs

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

MONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO CAL MAT CO.
(714) 875-1150 2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

< ✓ > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO.LUCERO, TONY
(213) 258-2777 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

LEGAL OWNER INFO CAL MAT CO.
2: :58-2777 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

IS THIS A TRANSFER? _____

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ✓ LEGAL OWNER ___APPLICANT

OFFICE USE ONLY
EST NBR 86008958
PERMIT NBR 8701071107
FORMER EST NBR _____
PERMIT CATEGORY 226003
EXPIR DATE 04/30/92
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0700
MFR NBR 033089
APN
PERMIT FEE _____
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D 151 70

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

SIGNED _____ DATED 4-13-92 TITLE Director of Envir. Affairs

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

THIS PERMIT EXPIRES:
04/30/92

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER

FEE PAID $125.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES: 04/30/96

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8702260927

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANK STATE FEE

FEE PAID $112.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 2

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:

04/30/92

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $283.00

CAL MAT CO.LUCERO, TONY
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 2

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

TAYCO BUSINESS FORMS

MONTHLY

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

PAGE 1
BILL DATE 03/28/91
HEALTH PERMIT EXPIRATION DATE 04/30/91

change EOA MAY 14 1991

*** REMIT COPY ***

ESTABLISHMENT NBR 86008958

CAL MAT CO. C/O J BENNETT
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

PAID 1000.00
Amt
Date 5-7-91
By CE
566069

PERMIT NBR	CATEGORY	DESCRIPTION		BILL CODE	AMOUNT
860 060	222800	PREVIOUS BALANCE			0.00
		UNDERGROUND STORAGE TANKS		101	283.00 MAY 14 1991
			PERMIT TOTAL		283.00
8610290005	228702	PREVIOUS BALANCE			0.00
		HAZARDOUS WASTE GENERATOR		101	480.00
			PERMIT TOTAL		480.00 MAY 14 1991
8701071107	226003	PREVIOUS BALANCE			0.00
		HAZARDOUS MATERIAL HANDLER		101	125.00
			PERMIT TOTAL		125.00 MAY 14 1991
8702260927	222801	PREVIOUS BALANCE			0.00
		UNDERGROUND STORAGE TANK STATE FEE		101	0.00 once every 5 yrs. only
		STATE FEE		105	112.00 MAY 14 1991
			PERMIT TOTAL		112.00
			TOTAL DUE		1,000.00 pay

ALL FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR CURRENT PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. REVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE AND APPLICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

charge 0010-079
4-8-91

IF YOU HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

FOOD ESTABLISHMENT PERMITS -- 387-4637
SWIMMING POOL PERMITS -- 387-4637
MILK & DAIRY ESTABLISHMENTS -- 387-4608
HAZARDOUS OR INFECTIOUS
WASTE GENERATORS -- 387-3080
UNDERGROUND STORAGE
TANK PERMITS -- 387-3080
HAZARDOUS MATERIAL HANDLER
MOBILEHOME PARK PERMITS -- 387-6515
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-6515
HOME OCCUPATION PERMITS -- 387-6512
TEMPORARY OFFICES/SIGNS -- 387-6512
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
DESIGNATED MAINTENANCE AREA -- 387-4666
WATER SYSTEMS -- 387-4666

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

PERMITS -- 387-3044

WELL DRILLERS -- 387-4666
SPECIAL USE PERMITS -- 387-6512

MONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO CAL MAT CO.

~~(213) 680-2316~~ (714) 875-1150

2400 HIGHLAND AV

SAN BERNARDINO, CA 92405

< ✓ > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O ~~J BENNETT~~ TONY LUCERO

(213) ~~680-2316~~ 258-2777

P O BOX 2950/TRMNL ANNEX

LOS ANGELES, CA 90051

LEGAL OWNER INFO CAL MAT CO.

(2~~13) 680-2316~~ (213) 258-2777

P O BOX 2950/TRMNL ANNEX

LOS ANGELES, CA 90051

IS THIS A TRANSFER? _____

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ✓ LEGAL OWNER ___APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 2

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
~~Ron~~ Steve Becktel	Plant Mgr.	(714) 875-1150	(800) 282-4924
Rollie Tougas	Prod. Mgr.	(714) 875-1150	(800) 282-4924

OFFICE USE ONLY 09	
EST NBR	86008958
PERMIT NBR	8603040060
FORMER EST NBR	
PERMIT CATEGORY	222800
EXPIR DATE	04/30/91
NEW, TRANS, RENEW	R
LOC CODE	64
SANI DIST	0700
MFR NBR	
APN	
PERMIT FEE	283
STATE FEE	112
DELINQUENT FEE	
TOTAL FEE REC'D	~~$~~ 395

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

SIGNED Doug Isaac DATED 4-9-91 TITLE Dir. of Environmental Affairs

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

MONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO CAL MAT CO.

~~(213) 680-2316~~ (714) 875-1150

2400 HIGHLAND AV

SAN BERNARDINO, CA 92405

LEGAL OWNER INFO CAL MAT CO.

(2 ~~680-2316~~ 258-2777

P O BOX 2950/TRMNL ANNEX

LOS ANGELES, CA 90051

✓ CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O ~~J BENNETT~~ TONY LUCERO

(213) ~~680-2316~~ 258-2777

P O BOX 2950/TRMNL ANNEX

LOS ANGELES, CA 90051

IS THIS A TRANSFER? _____

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ✓ LEGAL OWNER ___APPLICANT

NUMBER OF EMPLOYEES: 35

OFFICE USE ONLY 10
EST NBR 86008958
PERMIT NBR 8610290005
FORMER EST NBR _____
PERMIT CATEGORY 228702
EXPIR DATE 04/30/91
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0700
MFR NBR 220086
APN
PERMIT FEE _____
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D ~~$480~~

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

SIGNED Tony Lucero DATED 4-9-91 TITLE Dir. of Environmental Affairs

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

MONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO CAL MAT CO.

~~(213) 680-2316~~ (714) 875-1150

2400 HIGHLAND AV

SAN BERNARDINO, CA 92405

LEGAL OWNER INFO CAL MAT CO.

(2 ~~680-2316~~ 258-2777

P O BOX 2950/TRMNL ANNEX

LOS ANGELES, CA 90051

✓ CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O ~~J BENNETT~~ TONY LUCERO

(213) ~~680-2316~~ 258-2777

P O BOX 2950/TRMNL ANNEX

LOS ANGELES, CA 90051

IS THIS A TRANSFER? _____

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ✓ LEGAL OWNER ___APPLICANT

OFFICE USE ONLY
EST NBR 86008958
PERMIT NBR 8701071107
FORMER EST NBR _____
PERMIT CATEGORY 226003
EXPIR DATE 04/30/91
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0700
MFR NBR 033089
APN
PERMIT FEE _____
STATE FEE _____
DELINQUENT FEE
TOTAL FEE REC'D ~~$~~ 125

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

SIGNED Tony D. Lucero DATED 4-9-91 TITLE Dir. of Environmental Affairs

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

ENVIRONMENTAL
HEALTH SERVICES

91 MAY -7 AM 10: 13

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/91

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER

FEE PAID $105.00

CAL MAT CO. C/O J BENNETT
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Director
ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

THIS PERMIT EXPIRES:
04/30/91

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $243.00

CAL MAT CO. C/O J BENNETT
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 2

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Director
ENVIRONMENTAL HEALTH SERVICES

ONTHLY

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

PAGE 1
BILL DATE 03/31/90
HEALTH PERMIT EXPIRATION DATE 04/30/90

** REMIT COPY ***

ESTABLISHMENT NBR 86008958

CAL MAT CO. C/O J BENNETT
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

ERMIT NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
503040060	222800	PREVIOUS BALANCE		0.00
		UNDERGROUND STORAGE TANKS	101	243.00
		PERMIT TOTAL		243.00
510290005	228702	PREVIOUS BALANCE		0.00
		HAZARDOUS WASTE GENERATOR	101	390.00
		PERMIT TOTAL		390.00
701071107	226003	PREVIOUS BALANCE		0.00
		HAZARDOUS MATERIAL HANDLER	101	105.00
		PERMIT TOTAL		105.00
		TOTAL DUE		738.00

MAY 18 1990

PAID
MAY 18 1990
Amt $738
Date 5/15
By Pat
#514096

L FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR URRENT PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. EVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE ND APPLICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

F YOU HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

OOD ESTABLISHMENT PERMITS -- 387-4637
IMMING POOL PERMITS -- 387-4637
ILK & DAIRY ESTABLISHMENTS -- 387-4608
AZARDOUS OR INFECTIOUS WASTE GENERATORS -- 387-3080
NDERGROUND STORAGE TANK PERMITS -- 387-3080
AZARDOUS MATERIAL HANDLER PERMITS -- 387-3044
MOBILEHOME PARK PERMITS -- 387-6515
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-6515
HOME OCCUPATION PERMITS -- 387-6512
TEMPORARY OFFICES/SIGNS -- 387-6512
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
DESIGNATED MAINTENANCE AREA -- 387-4666
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666
SPECIAL USE PERMITS -- 387-6512

ONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

LEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION
ND ADDING THE CHANGES. *** PLEASE PRINT. ***

STABLISHMENT INFO CAL MAT CO.
213) 680-2316 2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O J BENNETT
(213) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

EGAL OWNER INFO CAL MAT CO.
213) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

MPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER X APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 2

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
Raiwleigh Tougas	Prod. Mgr.	(714) 875-1150	(800) 282-4924
ED. Griffith	Dist. Mgr.	(714) 875-1150	(800) 282-4924

OFFICE USE ONLY 09	
EST NBR	86008958
PERMIT NBR	8603040060
FORMER EST NBR	
PERMIT CATEGORY	222800
EXPIR DATE	04/30/90
NEW, TRANS, RENEW	R
LOC CODE	64
SANI DIST	2200
MFR NBR	
APN	
PERMIT FEE	
STATE FEE	
DELINQUENT FEE	
TOTAL FEE REC'D	243

THIS [illegible] MUST BE RETURNED WITH YOUR [illegible] TANCE

HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED USINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY EREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF AN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS NCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

IGNED Jay M Bennett DATED 5/7/90 TITLE Coordinator Environmental Matters

OTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

ONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

LEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION
ND ADDING THE CHANGES. *** PLEASE PRINT. ***

STABLISHMENT INFO CAL MAT CO.
213) 680-2316 2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O J BENNETT
(213) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

EGAL OWNER INFO CAL MAT CO.
213) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

MPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER X APPLICANT

NUMBER OF EMPLOYEES: 35

OFFICE USE ONLY 10
EST NBR 86008958
PERMIT NBR 8610290005
FORMER EST NBR _____
PERMIT CATEGORY 228702
EXPIR DATE 04/30/90
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0000
MFR NBR 220086
APN
PERMIT FEE _____
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D $390

THIS PERMIT MUST BE RETURNED WITH YOUR PAYMENT

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED USINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY EREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF AN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS NCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

IGNED J M Stanley DATED 5/7/90 TITLE Coordinator Environmental Matters

OTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE.
APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

)NTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

.EASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION
ND ADDING THE CHANGES. *** PLEASE PRINT. ***

STABLISHMENT INFO CAL MAT CO.
:13) 680-2316 2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

< > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O J BENNETT
(213) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

:GAL OWNER INFO CAL MAT CO.
:13) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IPOR...T: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER X APPLICANT

OFFICE USE ONLY
EST NBR 86008958
PERMIT NBR 8701071107
FORMER EST NBR _____
PERMIT CATEGORY 226003
EXPIR DATE 04/30/90
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0000
MFR NBR
APN
PERMIT FEE _____
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D 105

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED
SINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY
REINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF
N BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS
ICIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

:GNED J M Stanley DATED 5/7/90 TITLE Coordinator Environmental Matters

)TICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE.
APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/90

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $209.00

CAL MAT CO. C/O J BENNETT
DBA CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 2

Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A
CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/89

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $167.00

CAL MAT CO.
DBA CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 2

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO CAL MAT CO.
(213) 680-2316 2400 HIGHLAND AV
W SAN BERNARDINO, CA 92405

< ✓ > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O J BENNETT
(213) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

LEGAL OWNER INFO CAL MAT CO.
(2) 680-2316 P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER _X_APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 002

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
Raulleigh Tougas	Production Manager	714 875-1150	1800 282-4924
John Tiberi	District Manager	714 875-1150	1800 282-4924

OFFICE USE ONLY	
EST NBR	86008958
PERMIT NBR	8603040060
FORMER EST NBR	
PERMIT CATEGORY	222800
EXPIR DATE	04/30/88
NEW, TRANS, RENEW	R
LOC CODE	64
SANI DIST	2200
MFR NBR	
APN	
PERMIT FEE	167.00
STATE FEE	
DELINQUENT FEE	
TOTAL FEE REC'D	167.00

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED _____ DATED 4/14/88 TITLE Dir Envir Matters

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

PAGE 1
BILL DATE 03/29/88
HEALTH PERMIT EXPIRATION DATE 04/30/88

*** REMIT COPY ***

ESTABLISHMENT NBR 86008958

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

PERMIT NBR	CATEGORY	DESCRIPTION		BILL CODE	AMOUNT
86)060	222800	PREVIOUS BALANCE			0.00
		UNDERGROUND STORAGE TANKS		101	167.00
			PERMIT TOTAL		167.00
8610290005	228701	PREVIOUS BALANCE			0.00
		HAZARDOUS WASTE GENERATOR		101	250.00
			PERMIT TOTAL		250.00
8701071107	226003	PREVIOUS BALANCE			0.00
		HAZARDOUS MATERIAL HANDLER		101	75.00
			PERMIT TOTAL		75.00
			TOTAL DUE		492.00

APR 25 1988
APR 25 1988
APR 25 1988

PAID
Amt 492.00
Date APR 25 1988
By

ALL FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR CURRENT PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. REV[illegible] UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE AND [illegible]LICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

IF YOU HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

FOOD ESTABLISHMENT PERMITS -- 387-4637
SWIMMING POOL PERMITS -- 387-4637
MILK & DAIRY ESTABLISHMENTS -- 387-4608
HAZARDOUS OR INFECTIOUS WASTE GENERATORS -- 387-3080
UNDERGROUND STORAGE TANK PERMITS -- 387-3080
HAZARDOUS MATERIAL HANDLER PERMITS -- 387-3044
MOBILEHOME PARK PERMITS -- 387-4670
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-4670
HOME OCCUPATION PERMITS -- 387-4678
TEMPORARY OFFICES/SIGNS -- 387-4678
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
DESIGNATED MAINTENANCE AREA -- 387-4655
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666
SPECIAL USE PERMITS -- 387-4678

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/88

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $167.00

INTERIM STATUS

AGR TANKS - 2

PM 6/9/87

CAL MAT CO.
DBA CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/91

. MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8702260927

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANK STATE FEE

FEE PAID $89.60

CAL MAT CO.
DBA CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO CAL MAT CO.

(213) ~~680-2316~~ 258-2777

2400 HIGHLAND AV

SAN BERNARDINO, CA 92405

< > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO CAL MAT CO. C/O J BENNETT

(213) ~~680-2316~~ 258-2777

P O BOX 2950/TRMNL ANNEX

LOS ANGELES, CA 90051

LEGAL OWNER INFO CAL MAT CO.

(~~680-2316~~ 258-2777

P O BOX 2950/TRMNL ANNEX

LOS ANGELES, CA 90051

IS THIS A TRANSFER? _____

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER X APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: ~~004~~ 002

PERMIT FEE INCLUDES $11.20 PER TANK -- STATE WATER RESOURCES CONTROL BOARD SURCHARGE.

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
Clay Strickland	Plant Mgr.	213/258-2777	1-800-282-4924
Rawleigh Tougas	Prod. Mgr.	213/258-2777	1-800-282-4924

OFFICE USE ONLY	
EST NBR	86008958
PERMIT NBR	8603040060
FORMER EST NBR	
PERMIT CATEGORY	222800
EXPIR DATE	04/30/87
NEW, TRANS, RENEW	R
LOC CODE	64
SANI DIST	2200
MFR NBR	
APN	
PERMIT FEE	167.00
STATE FEE	
DELINQUENT FEE	
TOTAL FEE REC'D	167.00

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED Jay M Bennett DATED 5/26/87 TITLE Environmental Coordinator

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

PAGE 1
BILL DATE 03/31/87
HEALTH PERMIT EXPIRATION DATE 04/30/87

*** REMIT COPY ***

ESTABLISHMENT NBR 86008958

Changes made

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

CAL MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

PERMIT NBR	CATEGORY	DESCRIPTION		BILL CODE	AMOUNT	
8 40060	222800	PREVIOUS BALANCE			0.00	
		UNDERGROUND STORAGE TANKS		101	~~277.00~~	167.00
			PERMIT TOTAL		~~277.00~~	167.00
8610290005	228701	PREVIOUS BALANCE			0.00	
		HAZARDOUS WASTE GENERATOR		101	191.00	
			PERMIT TOTAL		191.00	
8701071107	226003	PREVIOUS BALANCE			0.00	
		HAZARDOUS MATERIAL HANDLER		101	75.00	
			PERMIT TOTAL		75.00	
8702260927	222806	PREVIOUS BALANCE			0.00	
		UNDERGROUND STORAGE TANK STATE FEE		101	0.00	
		STATE FEE		105	~~179.20~~	89.60
			PERMIT TOTAL		~~179.20~~	89.60
			TOTAL DUE		~~722.20~~	522.60

JUN 2 1987

PAID

Amt 522.60

Date JUN 1 1987

By TK

JUN 2 1987

JUN 2 1987

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

JUN 1 1987

Change # of tanks

ALL FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR CURRENT PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. REVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE AND APPLICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

IF YOU HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

FOOD ESTABLISHMENT PERMITS -- 387-4637
SWIMMING POOL PERMITS -- 387-4637
MILK & DAIRY ESTABLISHMENTS -- 387-4608
HAZARDOUS OR INFECTIOUS
WASTE GENERATORS -- 387-4629
UNDERGROUND STORAGE
TANK PERMITS -- 387-4629
HAZARDOUS MATERIAL HANDLER
MOBILEHOME PARK PERMITS -- 387-4670
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-4670
HOME OCCUPATION PERMITS -- 387-4670
TEMPORARY OFFICES/SIGNS -- 387-4670
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666

Completed Removal of 4 tanks - Replaced 2. DR/ap.
(Replacement not final, yet).

COMPUTER DATA BASE UPDATE AUTHORIZATION

**ACTION REQUESTED (Circle One)

Add (Change) Inactivate Delete

**ESTABLISHMENT INFORMATION: Cal Mat Co./Conrock Div.

(Name)

2400 W. Highland Ave DB

(Number/Street) (City)

**PERMIT CATEGORY _____

NGE PERMIT CATEGORY FROM _____ TO _____

LEGAL OWNER INFORMATION:

_____

(Name)

_____

(Mailing Address) (City) (Zip)

THIS IS A **NEW** ESTABLISHMENT: _____

THIS IS A **TRANSFER**: _____

Former Establishment Name: _____

PERMIT SECTION SHOULD SEND NEW APPLICATION: _____

NEW APPLICATION HAS BEEN GIVEN TO NEW OWNER: _____

ESTABLISHMENT **NAME CHANGE ONLY** (no change in ownership):

_____

(Old Name)

_____

(New Name)

8702260927

MARK DESIRED BOX(ES): 305 179.20 3-31-87

89.60

105

	Make Change To	Date	Initial
	EH PERMIT BILLING SYSTEM	APR 13 1987	
	SWEEPS		
	ESTABLISHMENT FILE		

**EHS PERMIT BILLING SYSTEM: 8600 8958

(Establishment Number)

8603040060

(Permit Number - Mandatory except for new establishment)

301 27700 3-31-87 101 1167.00

*SWEEPS MFR NUMBER _____ *DIST/SANI NUMBER _____

CHANGE DIST/SANI FROM _____ TO _____

**PROGRAM _____ LOCATION _____

PROGRAM SPECIFIC INFORMATION

FOOD: Seating Capacity _____

Square Footage _____

RECREATIONAL BATHING: # of Pools _____

MILK AND DAIRY: Gallons _____

HAZARDOUS MATERIALS: # of Tanks 2

# of Employees _____

HOUSING: # of Units _____

VECTOR: # of Birds _____

WASTE: Daily Tons _____

Cubic Yards _____

WATER: # of Connections _____

License Number/Expiration Date 4/30/87

License Class 1 _____ 2 _____

* = Mandatory for Food Program Only
** = Mandatory for ALL Programs

4/13/87

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86009111 PERMIT - 8603040001

THIS PERMIT EXPIRES:
04/30/1997

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $260.00

CALMAT CO
DBA: INDUSTRIAL ASPHALT
3200 SAN FERNANDO RD
LOS ANGELES, CA 90065

NBR TANKS - 1

Richard Lewis
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86C09111 PERMIT - 8701260836

THIS PERMIT EXPIRES:
04/30/1997

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY

FEE PAID $72.00

CALMAT CO
DBA: INDUSTRIAL ASPHALT
3200 SAN FERNANDO RD
LOS ANGELES, CA 90065

NBR TANKS - 0

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

Tina for
no 875-5180
875-1150
Jim Rayor
P.P.C.
Same owner

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
ANNUAL INVOICE FOR PERMIT FEES DUE

Establishment No. **86009111**

ANNUAL INVOICE

03/28/1996
PAGE 1 OF 1

Permit Number	Category	Exp. Date	For the Period of	Amount Due
8603040001	222800	04/30/1996	05/01/1996-04/30/1997	260.00
8701260836	226000	04/30/1996	05/01/1996-04/30/1997	72.00

MAY 07 1996
PAID OU
Amt. 332
Date MAY 01 1996
By

BILL TO: ~~INDUSTRIAL ASPHALT~~ CALMAT CO. MAY 07 1996 DBA: ~~INDUSTRIAL ASPHALT~~
ATTN: ~~DWIGHT BEAVERS~~ TONY LUCERO
~~P O BOX 7607~~ 3200 SAN FERNANDO RD
~~VAN NUYS, CA 91409~~ LOS ANGELES, CA 90065

TOTAL AMOUNT DUE: 332.00

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

0700 (Return Top Portion With Payment)

MAY 01 1996

Office SBCO Fire/Hz mat San Bernardino County

, Calif., 5-1 19 96

ORIGINAL
1235318 00

RECEIVED FROM CalMat CO $ 332.00

Three hundred thirty TWO DOLLARS

Court Case Name vs.

NATURE OF FEES		
SFX-106-155 9415	332	—
799036		
☐ CASH ☒ CHECK ☐ MONEY ORDER	332	—

Case No. 86009111

Cindy Echols
(SIGNATURE)

Fiscal Tech
(TITLE)

01-188A-123 REV. 3-80

10-83

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1996

INDUSTRIAL ASPHALT
2340 W HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86009111 PERMIT - 8603040001

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $260.00

INDUSTRIAL ASPHALT
CBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

NBR TANKS - 1

Pamella V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT
COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86009111 PERMIT - 8701260836

THIS PERMIT EXPIRES:
04/30/1996

PERMIT

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TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY

FEE PAID $72.00

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

NBR TANKS - 0

Pamella V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

COUNTY OF SAN BERNARDINO
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
ANNUAL INVOICE FOR PERMIT FEES DUE

ANNUAL INVOICE

Establishment No. **86009111**

03/30/1995
PAGE 1 OF 1

Permit Number	Category	Exp. Date	For the Period of	Amount Due
8603040001	222800	04/30/1995	05/01/1995-04/30/1996	260.00
8701260836	226000	04/30/1995	05/01/1995-04/30/1996	72.00

PAID
Amt. 332.00
Date APR 24 1995
By

BILL TO: INDUSTRIAL ASPHALT
ATTN: DWIGHT BEAVERS
P O BOX 7607
VAN NUYS, CA 91409

DBA: INDUSTRIAL ASPHALT

TOTAL AMOUNT DUE: 332.00

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

APR 24 1995

0700

(Return Top Portion With Payment)

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86009111 PERMIT - 8603040001

THIS PERMIT EXPIRES:
04/30/1995

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $260.00

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

NBR TANKS - 1

Pamilla V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86009111 PERMIT - 8701260836

THIS PERMIT EXPIRES:
04/30/1995

PERMIT

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TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY

FEE PAID $72.00

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

NBR TANKS - 0

Pamella V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

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POST IN A CONSPICUOUS PLACE

COUNTY OF SAN BERNARDINO
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
ANNUAL INVOICE FOR PERMIT FEES DUE

Establishment No. **86009111**

ANNUAL INVOICE

03/30/1994
PAGE 1 OF 1

APR 25 1994

Permit Number	Category	Exp. Date	For the Period of	Amount Due
8603040001	222800	04/30/1994	05/01/1994-04/30/1995	260.00
8701260836	226000	04/30/1994	05/01/1994-04/30/1995	72.00

PAID 332.00
Amt. APR 19 1994
Date
By

BILL TO: INDUSTRIAL ASPHALT
ATTN: DWIGHT BEAVERS
P O BOX 7607
VAN NUYS, CA 91409

DBA: INDUSTRIAL ASPHALT

TOTAL AMOUNT DUE: 332.00

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1994

INDUSTRIAL ASPHALT
2340 W HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86009111 PERMIT - 8603040001

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $260.00

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

NBR TANKS - 1

Pamilla V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/1994

INDUSTRIAL ASPHALT
2340 W HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86009111 PERMIT - 8701260836

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY

FEE PAID $72.00

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

NBR TANKS - 0

Pamilla V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A
CONSPICUOUS PLACE

COUNTY OF SAN BERNARDINO
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
ANNUAL INVOICE FOR PERMIT FEES DUE

ANNUAL INVOICE

Establishment No. **86009111**

03/30/1993
PAGE 1 OF 1

Permit Number	Category	Exp. Date	For the Period of	Amount Due
8603040001	222800	04/30/1993	05/01/1993-04/30/1994	260.00
8701260836	226000	04/30/1993	05/01/1993-04/30/1994	72.00

APR 28 1993
APR 28 1993

PAID
Amt 332.00
Date APR 19 1993
By CC

BILL TO: INDUSTRIAL ASPHALT
ATTN: DWIGHT BEAVERS
P O BOX 7607
VAN NUYS, CA 91409

DBA: INDUSTRIAL ASPHALT

TOTAL AMOUNT DUE: 332.00

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

0700

(Return Top Portion With Payment)

ESTABLISHMENT NUMBER: 86009111

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS IN THE SPACE PROVIDED. PLEASE COMPLETE ALL INFORMATION. PLEASE PRINT.

ESTABLISHMENT:

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92405
PHONE : (714) 875-5180
BILL ATTN : DWIGHT BEAVERS FEB 05 1993
PARCEL : 0264-042-028
FED-ID/SSN: 95-3901875
CONTACT : DWIGHT BEAVERS
DR. LIC.: ST: EXP:

APPLICANT:

INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409
PHONE : (818) 781-6080

OWNER:

INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409
PHONE : (818) 781-6080

IMPORTANT - ALL CORRESPONDENCE SHOULD BE SENT TO:

___ ESTABLISHMENT _X_ APPLICANT ___ OWNER (Check One)

FEB 05 1993

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED Dwight Beavers DATE 1-27-93 TITLE V.P.-TECH.

ESTABLISHMENT NUMBER: 86009111

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS IN THE SPACE PROVIDED. PLEASE COMPLETE ALL INFORMATION. PLEASE PRINT.

PERMIT: 8603040001 - UNDERGROUND STORAGE TANKS

NBR TANKS : 1

EMERGENCY CONTACT: JIM RAYSOR
POSITION : DIST. MGR.
WORK PHONE : (714) 875-5180
24-HOUR PHONE : (714) 783-3648

FOR OFFICE USE ONLY:

CATGY: 222800 EXP: 04/30/1993 LOC: 64

SANI : 0700 MFR: APN:

ESTABLISHMENT NUMBER: 86009111

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS IN THE SPACE PROVIDED. PLEASE COMPLETE ALL INFORMATION. PLEASE PRINT.

PERMIT: 8701260836 - HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY

NBR TANKS : X ONE

NOTE: NBR TANKS IS THE NUMBER OF UNDERGROUND TANKS

FOR OFFICE USE ONLY:

CATGY: 226000 EXP: 04/30/1993 LOC: 64

SANI : 0700 MFR: 061787 APN:

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86009111 PERMIT - 8702261072

THIS PERMIT EXPIRES:
04/30/97

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANK STATE FEE

FEE PAID $56.00

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

NBR TANKS - 1

Pamilla V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

AMERICAN BUSINESS FORMS 138380 (714) 793-5233 • FAX (714) 798-4283

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/93

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86009111 PERMIT - 8701260836

PERMIT

NON-TRANSFERABLE

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TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY

FEE PAID $69.00

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

Pamella V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

(714) 793-5233 • FAX (714) 798-4283

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT
COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/93

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86009111 PERMIT - 86C3040001

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by Environmental Health Services for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $200.00

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

NBR TANKS - 1

Pamella V. Bennett
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 4/92

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

(714) 793-5233 • FAX (714) 798-4283

MONTHLY

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

BILL DATE 03/30/92
HEALTH PERMIT EXPIRATION DATE 04/30/92

*** REMIT COPY ***

ESTABLISHMENT NBR 86009111

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92405

PERMIT NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
3603 01	222800	PREVIOUS BALANCE		0.00
		UNDERGROUND STORAGE TANKS	101	200.00
		PERMIT TOTAL		200.00
3701260836	226000	PREVIOUS BALANCE		0.00
		HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY	101	69.00
		PERMIT TOTAL		69.00
3702261072	222801	PREVIOUS BALANCE		0.00
		UNDERGROUND STORAGE TANK STATE FEE	101	0.00
		STATE FEE	105	56.00
		PERMIT TOTAL		56.00
		TOTAL DUE		325.00

APR 21 1992

APR 21 1992

APR 21 1992

PAID
Amt 325.00
Date 4-14-92
By CE

ALL FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR CURR PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. REVI UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE AND APPLICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

IF YOU HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

FOOD ESTABLISHMENT PERMITS -- 387-4637
SWIMMING POOL PERMITS -- 387-4637
MILK & DAIRY ESTABLISHMENTS -- 387-4608
HAZARDOUS OR INFECTIOUS WASTE GENERATORS -- 387-3080
UNDERGROUND STORAGE TANK PERMITS -- 387-3080
HAZARDOUS MATERIAL HANDLER PERMITS -- 387-3044
MOBILEHOME PARK PERMITS -- 387-6515
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-6515
HOME OCCUPATION PERMITS -- 387-6512
TEMPORARY OFFICES/SIGNS -- 387-6512
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
DESIGNATED MAINTENANCE AREA -- 387-4666
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666
SPECIAL USE PERMITS -- 387-6512

MONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92405

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO INDUSTRIAL ASPHALT
(818) 781-6080 P O BOX 7607
VAN NUYS, CA 91409

LEGAL OWNER INFO INDUSTRIAL ASPHALT
818 781-6080 P O BOX 7607
VAN NUYS, CA 91409

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS X LEGAL OWNER ___APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 1

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
Jim RAYSOR	DIST. MGR.	(714)875-5180	(714)783-3648
RALPH DONALDSON	ASST. MGR.	(714)875-5180	(714)793-5076

OFFICE USE ONLY 09	
EST NBR	86009111
PERMIT NBR	8603040001
FORMER EST NBR	
PERMIT CATEGORY	222800
EXPIR DATE	04/30/92
NEW, TRANS, RENEW	R
LOC CODE	64
SANI DIST	0700
MFR NBR	
APN	
PERMIT FEE	200
STATE FEE	56
DELINQUENT FEE	
TOTAL FEE REC'D	256

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED D. Brawer DATED 4-6-92 TITLE V.P. - TECH.

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

MONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

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ESTABLISHMENT INFO INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92405

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO INDUSTRIAL ASPHALT
(818) 781-6080 P O BOX 7607
VAN NUYS, CA 91409

LEGAL OWNER INFO INDUSTRIAL ASPHALT
818 781-6080 P O BOX 7607
VAN NUYS, CA 91409

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____
FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS X LEGAL OWNER ___APPLICANT

OFFICE USE ONLY
EST NBR 86009111
PERMIT NBR 8701260836
FORMER EST NBR _____
PERMIT CATEGORY 226000
EXPIR DATE 04/30/92
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0700
MFR NBR 061787
APN
PERMIT FEE _____
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D $187

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

SIGNED D. Bowers DATED 4-6-92 TITLE V.P.-TECH.

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410
EST - 86009111 PERMIT - 8702261072

THIS PERMIT EXPIRES:
04/30/92

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANK STATE FEE

FEE PAID $44.80

INDUSTRIAL ASPHALT
DBA INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/92

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86009111 PERMIT - 8701260836

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY

FEE PAID $65.00

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Director
ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86009111 PERMIT - 8603040001

THIS PERMIT EXPIRES:
04/30/92

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $187.00

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

NBR TANKS - 1

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Director
ENVIRONMENTAL HEALTH SERVICES

MONTHLY

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

PAGE 1
BILL DATE 03/28/91
HEALTH PERMIT EXPIRATION DATE 04/30/91

APR 17 1991 Change E/A

*** REMIT COPY ***

ESTABLISHMENT NBR 86009111

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 7607
VAN NUYS, CA 91409

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

PERMIT NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
860[illegible]001	222800	PREVIOUS BALANCE		0.00
		UNDERGROUND STORAGE TANKS	101	187.00
		PERMIT TOTAL		187.00
8701260836	226000	PREVIOUS BALANCE		0.00
		HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY	101	65.00
		PERMIT TOTAL		65.00
		TOTAL DUE		252.00

APR 22 1991

APR 22 1991

PAID
Amt 252.00
Date 4-12-91
By KE

Loc 19
D. Beaver
4-3-91

ALL FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR CURRENT PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. REVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE AND APPLICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

IF YOU HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

FOOD ESTABLISHMENT PERMITS -- 387-4637
SWIMMING POOL PERMITS -- 387-4637
MILK & DAIRY ESTABLISHMENTS -- 387-4608
HAZARDOUS OR INFECTIOUS WASTE GENERATORS -- 387-3080
UNDERGROUND STORAGE TANK PERMITS -- 387-3080
HAZARDOUS MATERIAL HANDLER PERMITS -- 387-3044
MOBILEHOME PARK PERMITS -- 387-6515
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-6515
HOME OCCUPATION PERMITS -- 387-6512
TEMPORARY OFFICES/SIGNS -- 387-6512
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
DESIGNATED MAINTENANCE AREA -- 387-4666
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666
SPECIAL USE PERMITS -- 387-6512

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

MONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA ~~92410~~ 92405

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO INDUSTRIAL ASPHALT
(818) 781-6080 ~~3200 SAN FERNANDO RD~~ P.O. BOX 7607
~~LOS ANGELES, CA 90065~~ VAN NUYS, CA 91409

LEGAL OWNER INFO INDUSTRIAL ASPHALT
(818) 781-6080 P O BOX 7607
VAN NUYS, CA 91409

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

OR FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS X LEGAL OWNER ___APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 1

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
JIM RAYSOR	DIST MGR	(714)875-5180	(714)783-3648
RUBEN FUERTE	FOREMAN	(714)875-5180	(714)884-5649

OFFICE USE ONLY 09
EST NBR 86009111
PERMIT NBR 8603040001
FORMER EST NBR _____
PERMIT CATEGORY 222800
EXPIR DATE 04/30/91
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0700
MFR NBR
APN
PERMIT FEE _____
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D $ 187

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

SIGNED Dwight Beavers DATED 4-3-91 TITLE V.P. - TECH

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

MONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO
INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA ~~92410~~ 92405

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO
INDUSTRIAL ASPHALT
(818) 781-6080
~~3200 SAN FERNANDO RD~~ P.O. Box 7607
~~LOS ANGELES, CA 90065~~ VAN NUYS, CA 91409

LEGAL OWNER INFO
INDUSTRIAL ASPHALT
(818) 781-6080
P O BOX 7607
VAN NUYS, CA 91409

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS X LEGAL OWNER ___APPLICANT

OFFICE USE ONLY
EST NBR 86009111
PERMIT NBR 8701260836
FORMER EST NBR _____
PERMIT CATEGORY 226000
EXPIR DATE 04/30/91
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 0700
MFR NBR 061787
APN
PERMIT FEE _____
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D 706

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

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SIGNED Dwight Bowers DATED 4-3-91 TITLE V.P. - TECH

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ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/91

DUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410
EST - 86009111 PERMIT - 8702261072

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANK STATE FEE

FEE PAID $44.80

INDUSTRIAL ASPHALT
DBA INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A
CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410
EST - 86009111 PERMIT - 8701260836

THIS PERMIT EXPIRES:
04/30/91

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY

FEE PAID $55.00

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Director
ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/91

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410
EST - 86009111 PERMIT - 8603040001

PERMIT

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TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

INTERIM STATUS

FEE PAID $163.00

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

NBR TANKS - 1

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Director
ENVIRONMENTAL HEALTH SERVICES

ONTHLY

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

PAGE 1
BILL DATE 03/31/90
HEALTH PERMIT EXPIRATION DATE 04/30/90

** REMIT COPY ***

ESTABLISHMENT NBR 86009111

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

ERMIT NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
503(1	222800	PREVIOUS BALANCE		0.00
		UNDERGROUND STORAGE TANKS	101	163.00
		PERMIT TOTAL		163.00
701260836	226000	PREVIOUS BALANCE		0.00
		HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY	101	55.00
		PERMIT TOTAL		55.00
		TOTAL DUE		218.00

APR 25 1990

APR 25 1990

PAID
#218- pd.
Amt
Date 4-25-90
By Pam
#14793

LL FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR URRENT PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. EVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE ND APPLICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

F YOU HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

OOD ESTABLISHMENT PERMITS -- 387-4637
SWIMMING POOL PERMITS -- 387-4637
MILK & DAIRY ESTABLISHMENTS -- 387-4608
HAZARDOUS OR INFECTIOUS WASTE GENERATORS -- 387-3080
UNDERGROUND STORAGE TANK PERMITS -- 387-3080
HAZARDOUS MATERIAL HANDLER PERMITS -- 387-3044
MOBILEHOME PARK PERMITS -- 387-6515
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-6515
HOME OCCUPATION PERMITS -- 387-6512
TEMPORARY OFFICES/SIGNS -- 387-6512
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
DESIGNATED MAINTENANCE AREA -- 387-4666
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666
SPECIAL USE PERMITS -- 387-6512

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

ONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

LEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION ND ADDING THE CHANGES. *** PLEASE PRINT. ***

STABLISHMENT INFO INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO INDUSTRIAL ASPHALT
(818) 969-7951 P O BOX 2263
IRWINDALE, CA 91706

EGAL OWNER INFO INDUSTRIAL ASPHALT
818) -7951 P O BOX 2263
IRWINDALE, CA 91706

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

MPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS X LEGAL OWNER ___APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 1

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
Jim RAYSOR	DIST. MGR.	(714)875-5180	(714)783-3648
RUBEN FUERTE	FOREMAN	"	(714) 884-5649

OFFICE USE ONLY 09	
EST NBR	86009111
PERMIT NBR	8603040001
FORMER EST NBR	
PERMIT CATEGORY	222800
EXPIR DATE	04/30/90
NEW, TRANS, RENEW	R
LOC CODE	64
SANI DIST	2200
MFR NBR	
APN	
PERMIT FEE	$163-
STATE FEE	
DELINQUENT FEE	
TOTAL FEE REC'D	$163-

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED USINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY EREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF AN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS NCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

IGNED Dwight Beaver DATED 4-11-90 TITLE V.P. - TECH

OTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

ONTHLY

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

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SAN BERNARDINO, CA 92410

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(818) 969-7951 P O BOX 2263
IRWINDALE, CA 91706

EGAL OWNER INFO INDUSTRIAL ASPHALT
818) -7951 P O BOX 2263
IRWINDALE, CA 91706

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS X LEGAL OWNER ___APPLICANT

OFFICE USE ONLY
EST NBR 86009111
PERMIT NBR 8701260836
FORMER EST NBR _____
PERMIT CATEGORY 226000
EXPIR DATE 04/30/90
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 2200
MFR NBR
APN
PERMIT FEE 55-
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D 55-

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

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SINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY
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N BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS
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GNED Dwight Beaver DATED 4-11-90 TITLE V.P.-TECH

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ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410
EST - 86009111 PERMIT - 8701260836

THIS PERMIT EXPIRES:
04/30/90

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY

FEE PAID $50.00

INDUSTRIAL ASPHALT
DBA INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Director
ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410
EST - 86009111 PERMIT - 8603040001

THIS PERMIT EXPIRES:
04/30/90

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $140.00

INDUSTRIAL ASPHALT
DBA INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

NBR TANKS - 1

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Director
ENVIRONMENTAL HEALTH SERVICES

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

PAGE 1
BILL DATE 03/28/89
HEALTH PERMIT EXPIRATION DATE 04/30/89

*** REMIT COPY ***

ESTABLISHMENT NBR 86009111

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

PERMIT NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
603[illegible]01	222800	PREVIOUS BALANCE		0.00
		UNDERGROUND STORAGE TANKS	101	140.00
		PERMIT TOTAL		140.00
701260836	226000	PREVIOUS BALANCE		0.00
		HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY	101	50.00
		PERMIT TOTAL		50.00
		TOTAL DUE		190.00

APR 06 1989

APR 06 1989

LL FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR URRENT PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. EVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE ND APPLICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

PAID
Amt $190-
Date 4-6-89
By [illegible]

F YOU HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

OOD ESTABLISHMENT PERMITS -- 387-4637
WIMMING POOL PERMITS -- 387-4637
ILK & DAIRY ESTABLISHMENTS -- 387-4608
AZARDOUS OR INFECTIOUS WASTE GENERATORS -- 387-3080
NDERGROUND STORAGE TANK PERMITS -- 387-3080
AZARDOUS MATERIAL HANDLER PERMITS -- 387-3044
MOBILEHOME PARK PERMITS -- 387-4670
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-4670
HOME OCCUPATION PERMITS -- 387-4678
TEMPORARY OFFICES/SIGNS -- 387-4678
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
DESIGNATED MAINTENANCE AREA -- 387-4655
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666
SPECIAL USE PERMITS -- 387-4678

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

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STABLISHMENT INFO INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO INDUSTRIAL ASPHALT
(818) 969-7951 P O BOX 2263
IRWINDALE, CA 91706

EGAL OWNER INFO INDUSTRIAL ASPHALT
818) 969-7951 P O BOX 2263
IRWINDALE, CA 91706

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

MPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS X LEGAL OWNER ___APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 001

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
JIM RAYSOR	DIST. MGR	(714)875-5180	(714)783-3648
RUBIN FUERTE	FOREMAN	(714)875-5180	(714)884-5649

OFFICE USE ONLY
EST NBR 86009111
PERMIT NBR 8603040001
FORMER EST NBR _____
PERMIT CATEGORY 222800
EXPIR DATE 04/30/89
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 2200
MFR NBR
APN
PERMIT FEE _____
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D _____

HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED USINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY EREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF AN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS NCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

IGNED Dwight Bowers DATED 4-3-89 TITLE V.P.-TECH.

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RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

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SAN BERNARDINO, CA 92410

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IRWINDALE, CA 91706

EGAL OWNER INFO INDUSTRIAL ASPHALT
818) 969-7951 P O BOX 2263
IRWINDALE, CA 91706

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

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OFFICE USE ONLY
EST NBR 86009111
PERMIT NBR 8701260836
FORMER EST NBR _____
PERMIT CATEGORY 226000
EXPIR DATE 04/30/89
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 2200
MFR NBR
APN
PERMIT FEE _____
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D _____

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INDUSTRIAL ASPHALT

April 6, 1989

Environmental Health Services
385 N. Arrowhead Ave.
San Bernardino, CA 92415-0160

REF: Loc. 19 Est. No. 86009111
2340 W. Highland Ave.
San Bernardino, CA 92410

Gentlemen:

Enclosed is our check in the amount of $190.00 for underground tank and hazardous material handler fees at the above-referenced location.

Very truly yours,

Dwight Beavers

Dwight Beavers
Vice President
Technical - Administrative

cc: Jim Raysor

6623 Calle Eva Miranda, Azusa, CA 91702 Mailing Address: P.O. Box 2263, Irwindale, CA 91706 (818) 969-7951

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410
EST - 86009111 PERMIT - 8701260836

THIS PERMIT EXPIRES:
04/30/88

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY

FEE PAID $40.00

INDUSTRIAL ASPHALT
DBA INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N Arrowhead Ave., San Bernardino, CA 92415-0160

APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

Establishment Name: Industrial Asphalt

Establishment Address: 2340 W. Highland S.B.

Phone number

Applicant Name

Applicant Address

Legal Owner Name

Legal Owner Address

☐ CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO:

____Establishment ____Legal Owner ____Applicant

FOOD ESTABLISHMENTS:
Seating Capacity_____
or
Square Footage_____

RECREATIONAL BATHING:
Number of pools at this establishment_____

ITINERANT:
Name of Function_____

DATES OF FUNCTION_____

Number of days_____

HAWKERS/PEDDLERS/VENDING MACHINES:
Itemize on attached sheet.

TOTAL FEE DUE_____

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

Pd 40.00 4/10/87

Signed_____ Dated_____ Title_____

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THIS SECTION FOR OFFICE USE ONLY

Establishment number 86009111
Permit number 8701260836
Permit category 226000
Sani Dist_____
MFR number_____
APN_____
EXPIRATION DATE 4/30/88
New, Trans, Renewal_____
Location Code_____

FORMER ESTABLISHMENT NAME_____

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

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ESTABLISHMENT INFO INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

LEGAL OWNER INFO INDUSTRIAL ASPHALT
969-7951 P O BOX 2263
IRWINDALE, CA 91706

< > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO INDUSTRIAL ASPHALT
(818) 969-7951 P O BOX 2263
IRWINDALE, CA 91706

IS THIS A TRANSFER? _____

IF YES: FORMER ESTABLISHMENT NAME _____
FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER ___APPLICANT

OFFICE USE ONLY
EST NBR 86009111
PERMIT NBR 8701260836
FORMER EST NBR _____
PERMIT CATEGORY 226000
EXPIR DATE 04/30/87
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 2200
MFR NBR
APN
PERMIT FEE 40.00
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D 40.00

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

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SIGNED _____ DATED _____ TITLE _____

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ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410
EST - 86009111 PERMIT - 8603040001

THIS PERMIT EXPIRES:
04/30/89

PERMIT

NON-TRANSFERABLE

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TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $112.00

INDUSTRIAL ASPHALT
DBA INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

NBR TANKS - 1

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/89

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410
EST - 86009111 PERMIT - 8701260836

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TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY

FEE PAID $40.00

INDUSTRIAL ASPHALT
DBA INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

decrease # of Tanks, delete delinquent fees 4/7/88

COMPUTER DATA BASE UPDATE AUTHORIZATION

**ACTION REQUESTED (Circle One)

Add (Change) Inactivate Delete

**ESTABLISHMENT INFORMATION:

Industrial Asphalt
(Name)

2340 W Highland Ave, San Bdno
(Number/Street) (City)

**PERMIT CATEGORY _____

NGE PERMIT CATEGORY FROM _____ TO _____

LEGAL OWNER INFORMATION:

_____
(Name)

_____
(Mailing Address) (City) (Zip)

THIS IS A **NEW** ESTABLISHMENT: _____

THIS IS A **TRANSFER**: _____

Former Establishment Name: _____

PERMIT SECTION SHOULD SEND NEW APPLICATION: _____

APPLICATION HAS BEEN GIVEN TO NEW OWNER: _____

ESTABLISHMENT **NAME CHANGE ONLY** (no change in ownership):

_____
(Old Name)

_____
(New Name)

MARK DESIRED BOX(ES):

	Make Change To	Date	Initial
	EH PERMIT BILLING SYSTEM		APR 11 1988
	SWEEPS		
	ESTABLISHMENT FILE		

**EHS PERMIT BILLING SYSTEM:

86009111
(Establishment Number)

8603040001 & 8702261072
(Permit Number - Mandatory except for new establishment)

301 275.00 10-5-87 305 280.00

*SWEEPS MFR NUMBER _____ *DIST/SANI NUMBER _____

301 387.00 3-29-88 10-5-87

CHANGE DIST/SANI FROM _____ TO _____

101 112.00

**PROGRAM _____ LOCATION Bump TO

4/30/92

PROGRAM SPECIFIC INFORMATION

PP - 44.80

FOOD: Seating Capacity _____

Square Footage _____

RECREATIONAL BATHING: # of Pools _____

MILK AND DAIRY: Gallons _____

from 6

HAZARDOUS MATERIALS: # of Tanks 1

# of Employees _____

HOUSING: # of Units _____

VECTOR: # of Birds _____

WASTE: Daily Tons _____

Cubic Yards _____

WATER: # of Connections _____

License Number/Expiration Date 4/30/88

License Class 1 _____ 2 _____

* = Mandatory for Food Program Only
** = Mandatory for ALL Programs

Main office P.O. Box 2263
Irwindale 91706

att. Dwight Beavers
(818) 969-7957

Industrial Asphalt

Tank Quantity per site: Upland Location #51
9th/Campus – 6 tanks (1)

Location #02 – 5 tanks
4711 Huntington Drive
Monclair 91763 (1)

Location #04
P.O. Box 2278
San Bernardino

Physical
265 E. Santa Ana
Rialto 92376 (1)

Location #19
2340 W. Highland Ave
San Bernardino
6 underground
1 above ground emulsion (1)

6 underground
1 above ground tank (emulsion)

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N Arrowhead Ave., San Bernardino, CA 92415-0160

APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

Establishment Name: Industrial Asphalt

Establishment Address: 2340 W. Highland Ave S.B.

Phone number

Legal Owner Name

Legal Owner Address

Applicant Name

Applicant Address

☐ CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO:

____Establishment ____Legal Owner ____Applicant

FOOD ESTABLISHMENTS:
Seating Capacity_____
or
Square Footage_____

RECREATIONAL BATHING:
Number of pools at this establishment_____

ITINERANT:
Name of Function_____

DATES OF FUNCTION_____

Number of days_____

HAWKERS/PEDDLERS/VENDING MACHINES:
Itemize on attached sheet.

TOTAL FEE DUE_____

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

Signed_____ Dated_____ Title_____

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

THIS SECTION FOR OFFICE USE ONLY

Establishment number 8600911
Permit number 8702261072
8603040001

Permit category 22800/22806
Sani Dist_____
MFR number_____
APN_____

EXPIRATION DATE_____
New, Trans, Renewal_____
Location Code_____

FORMER ESTABLISHMENT NAME_____

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/88

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410
EST - 86009111 PERMIT - 8603040001

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

INTERIM STATUS

FEE PAID $112.00

INDUSTRIAL ASPHALT
DBA INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

NBR TANKS - 1

DM 4/30/87 gp

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

LOC 19-HIGHLAND

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO
INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO
INDUSTRIAL ASPHALT
(818) 969-7951
P O BOX 2263
IRWINDALE, CA 91706

LEGAL OWNER INFO
INDUSTRIAL ASPHALT
(8[illegible]69-7951
P O BOX 2263
IRWINDALE, CA 91706

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS X LEGAL OWNER ___APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 006

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
JIM RAYSOR	DIST. MGR	(714)875-5180	(714)783-3648
MIKE BETZLER	ENGR.	(714)875-5180	(714)889-1690

OFFICE USE ONLY	
EST NBR	86009111
PERMIT NBR	8603040001
FORMER EST NBR	
PERMIT CATEGORY	222800
EXPIR DATE	04/30/88
NEW, TRANS, RENEW	R
LOC CODE	64
SANI DIST	2200
MFR NBR	
APN	
PERMIT FEE	112.00
STATE FEE	
DELINQUENT FEE	
TOTAL FEE REC'D	112.00

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

SIGNED Dwight Beaver DATED 4-15-88 TITLE V.P.-TECH.

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

Loc 19-Highland

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

PAGE 1
BILL DATE 03/29/88
HEALTH PERMIT EXPIRATION DATE 04/30/88

*** REMIT COPY ***

ESTABLISHMENT NBR 86009111

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

200 112.00
APR 26 1988

PERMIT NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT	
861 0001	222800	~~PREVIOUS BALANCE~~		~~275.00~~	
		UNDERGROUND STORAGE TANKS ONE DIESEL TANK	101	~~387.00~~	112.00
		PERMIT TOTAL		~~662.00~~	
8701260836	226000	PREVIOUS BALANCE		0.00	
		HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY	101	40.00	
		PERMIT TOTAL		40.00	
		TOTAL DUE		~~702.00~~	152.00

PAID
APR 26 1988
Amt 152.00
Dat APR ~~25 1988~~
By

ALL FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR CURRENT PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. REVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE AND APPLICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

IF HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:
FOOD ESTABLISHMENT PERMITS -- 387-4637
SWIMMING POOL PERMITS -- 387-4637
MILK & DAIRY ESTABLISHMENTS -- 387-4608
HAZARDOUS OR INFECTIOUS
WASTE GENERATORS -- 387-3080
UNDERGROUND STORAGE
TANK PERMITS -- 387-3080
HAZARDOUS MATERIAL HANDLER
PERMITS -- 387-3044
MOBILEHOME PARK PERMITS -- 387-4670
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-4670
HOME OCCUPATION PERMITS -- 387-4678
TEMPORARY OFFICES/SIGNS -- 387-4678
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
DESIGNATED MAINTENANCE AREA -- 387-4655
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666
SPECIAL USE PERMITS -- 387-4678

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

Change # of tanks from 6 to 1 * Please give permit to me. Thanks! Lorraine
per SKS

COMPUTER DATA BASE UPDATE AUTHORIZATION

*ACTION REQUESTED (Circle One)

Add **Change** **Inactivate** **Delete**

*ESTABLISHMENT INFORMATION:

Industrial Asphalt
(Name)

2340 W. Highland Ave. S.B.
(Number/Street) (City)

*PERMIT CATEGORY 222800 & 226000

CHANGE PERMIT CATEGORY FROM _____ TO _____

LEGAL OWNER INFORMATION:

_____
(Name)

_____
(Mailing Address) (City) (Zip)

THIS IS A **NEW** ESTABLISHMENT: _____

THIS IS A **TRANSFER**: _____

Former Establishment Name: _____

PERMIT SECTION SHOULD SEND NEW APPLICATION: _____

NEW APPLICATION HAS BEEN GIVEN TO NEW OWNER: _____

ESTABLISHMENT **NAME CHANGE ONLY** (no change in ownership):

_____
(Old Name)

_____
(New Name)

MARK DESIRED BOX(ES):

	Make Change To	Date	Initial
	EH PERMIT BILLING SYSTEM		
	SWEEPS		
	ESTABLISHMENT FILE		

**EHS PERMIT BILLING SYSTEM: 86009111
(Establishment Number)

8603040001 , 8701260836
(Permit Number - Mandatory except for new establishment)

*SWEEPS MFR NUMBER _____ *DIST/SANI NUMBER _____

CHANGE DIST/SANI FROM _____ TO _____

**PROGRAM _____ LOCATION _____

PROGRAM SPECIFIC INFORMATION

FOOD: Seating Capacity _____

Square Footage _____

RECREATIONAL BATHING: # of Pools _____

MILK AND DAIRY: Gallons _____

HAZARDOUS MATERIALS: # of Tanks 1

# of Employees _____

HOUSING: # of Units _____

VECTOR: # of Birds _____

WASTE: Daily Tons _____

Cubic Yards _____

WATER: # of Connections _____

License Number/Expiration Date _____

License Class 1_____ 2_____

.....

* = Mandatory for Food Program Only
** = Mandatory for ALL Programs

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/87

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410
EST - 86009111 PERMIT - 8603040001

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

4-1-86

FEE PAID $117.20

INDUSTRIAL ASPHALT
P.O. BOX 2263
IRWINDALE, CA 91706

NBR TANKS - 1

INTERIM STATUS

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

Loc 19-HIGHLAND

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO INDUSTRIAL ASPHALT
(818) 969-7951 P O BOX 2263
IRWINDALE, CA 91706

LEGAL OWNER INFO INDUSTRIAL ASPHALT
(818) 969-7951 P O BOX 2263
IRWINDALE, CA 91706

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS X LEGAL OWNER ___APPLICANT

OFFICE USE ONLY
EST NBR 86009111
PERMIT NBR 8701260836
FORMER EST NBR _____
PERMIT CATEGORY 226000
EXPIR DATE 04/30/88
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 2200
MFR NBR
APN
PERMIT FEE 40.00
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D 40.00

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

SIGNED Dwight Beavers DATED 4-15-88 TITLE V.P.-TECH

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

Please Bill for Additional Tanks

COMPUTER DATA BASE UPDATE AUTHORIZATION

**ACTION REQUESTED (Circle One)

Add (Change) Inactivate Delete

**ESTABLISHMENT INFORMATION: Industrial Asphalt
(Name)
2340 W Highland San Bdno
(Number/Street) (City)

**PERMIT CATEGORY _____

CHANGE PERMIT CATEGORY FROM _____ TO _____

LEGAL OWNER INFORMATION:

_____
(Name)

_____
(Mailing Address) (City) (Zip)

THIS IS A **NEW** ESTABLISHMENT: _____

THIS IS A **TRANSFER**: _____

Former Establishment Name: _____

PERMIT SECTION SHOULD SEND NEW APPLICATION: _____

APPLICATION HAS BEEN GIVEN TO NEW OWNER: _____

ESTABLISHMENT **NAME CHANGE ONLY** (no change in ownership):

_____
(Old Name)

_____
(New Name)

MARK DESIRED BOX(ES):

	Make Change To	Date	Initial
	EH PERMIT BILLING SYSTEM	OCT 06 1987	
	SWEEPS		
	ESTABLISHMENT FILE		

Bill mailed 10-7-87

**EHS PERMIT BILLING SYSTEM: 860091111
(Establishment Number) 860304001
(Permit Number - Mandatory except for new establishment)

*SWEEPS MFR NUMBER 101 275.00 *DIST/SANI NUMBER _____

CHANGE DIST/SANI FROM _____ TO _____

**PROGRAM _____ LOCATION _____
870226107 2

PROGRAM SPECIFIC INFORMATION 105 280.00

FOOD: Seating Capacity _____

Square Footage _____

RECREATIONAL BATHING: # of Pools _____

MILK AND DAIRY: Gallons From 1

HAZARDOUS MATERIALS: # of Tanks 6

# of Employees _____

HOUSING: # of Units _____

VECTOR: # of Birds _____

WASTE: Daily Tons _____

Cubic Yards _____

WATER: # of Connections _____

License Number/Expiration Date 4/30/88

License Class 1 _____ 2 _____

* = Mandatory for Food Program Only
** = Mandatory for ALL Programs

10/5/87

99

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

< > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO INDUSTRIAL ASPHALT
(818) 969-7951 P O BOX 2263
IRWINDALE, CA 91706

LE OWNER INFO INDUSTRIAL ASPHALT
(818) 969-7951 P O BOX 2263
IRWINDALE, CA 91706

IS THIS A TRANSFER? _____

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER ___APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 001

PERMIT FEE INCLUDES $11.20 PER TANK -- STATE WATER RESOURCES CONTROL BOARD SURCHARGE.

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:

OFFICE USE ONLY	
EST NBR	86009111
PERMIT NBR	8603040001
FORMER EST NBR	
PERMIT CATEGORY	222800
EXPIR DATE	04/30/87
NEW, TRANS, RENEW	R
LOC CODE	64
SANI DIST	2200
MFR NBR	
APN	
PERMIT FEE	112.00
STATE FEE	
DELINQUENT FEE	
TOTAL FEE REC'D	112.00

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED _____ DATED _____ TITLE _____

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

LOC 19

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

PAGE 1
BILL DATE 03/31/87
HEALTH PERMIT EXPIRATION DATE 04/30/87

*** REMIT COPY ***

ESTABLISHMENT NBR 86009111

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

P T NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
8603040001	222800	PREVIOUS BALANCE		0.00
		UNDERGROUND STORAGE TANKS	101	112.00
		PERMIT TOTAL		112.00
8701260836	226000	PREVIOUS BALANCE		0.00
		HAZARDOUS MATERIAL HANDLER, UNDERGROUND TANK ONLY	101	40.00
		PERMIT TOTAL		40.00
8702261072	222806	PREVIOUS BALANCE		0.00
		UNDERGROUND STORAGE TANK STATE FEE	101	0.00
		STATE FEE	105	44.80
		PERMIT TOTAL		44.80
		TOTAL DUE		196.80

APR 10 1987 PAID
Amt 196.80
Date APR 10 1987
By TK

, EES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR CURRENT PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. REVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE AND APPLICATION(S) WITH REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415-0160

IF YOU HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

FOOD ESTABLISHMENT PERMITS -- 387-4637
SWIMMING POOL PERMITS -- 387-4637
MILK & DAIRY ESTABLISHMENTS -- 387-4608
HAZARDOUS OR INFECTIOUS
WASTE GENERATORS -- 387-4629
UNDERGROUND STORAGE
TANK PERMITS -- 387-4629
HAZARDOUS MATERIAL HANDLER
PERMITS -- 387-3080
MOBILEHOME PARK PERMITS -- 387-4670
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-4670
HOME OCCUPATION PERMITS -- 387-4670
TEMPORARY OFFICES/SIGNS -- 387-4670
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

APPLICATION RECEIVED WITHOUT SIGNATURE

INDUSTRIAL ASPHALT

April 8, 1987

Environmental Health Services
385 No. Arrowhead Ave.
San Bernardino, CA 92415-0160

RE: San Bernardino, Loc. 19
2340 W. Highland Ave.
San Bernardino, CA 98406

Gentlemen:

Enclosed is our check of $196.80 for the renewal of the Underground Tank Permit.

Very truly yours,

Dwight Beavers

Dwight Beavers
Vice President - Technical

cc: Jim Raysor

6623 Calle Eva Miranda, Irwindale, CA 91706 Mailing Address: P.O. Box 2263, Irwindale, CA 91706 [818] 969-7951

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

BILL DATE 03/18/86

*** REMIT COPY ***

ESTABLISHMENT NBR 86009111

INDUSTRIAL ASPHALT
P.O. BOX 2263
IRWINDALE, CA 91706

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

PE NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
860[illegible]0001	222800	PREVIOUS BALANCE		0.00
		UNDERGROUND STORAGE TANKS	101	106.00
		STATE FEE	105	11.20
		PERMIT TOTAL		117.20
		TOTAL DUE		117.20

MAR 28 1986

ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. REVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE AND APPLICATION(S) WITH REMITTANCE TO:

ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA. 92415-0160
PHONE 714-383-2760

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

PAID
Amt 117.20
MAR 27 1986
Date
By

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO INDUSTRIAL ASPHALT
(818) 969-7951 P.O. BOX 2263
IRWINDALE, CA 91706

LEGAL OWNER INFO INDUSTRIAL ASPHALT
(8. 69-7951 P.O. BOX 2263
IRWINDALE, CA 91706

IS THIS A TRANSFER? NO

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS X LEGAL OWNER ___APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 001

PERMIT FEE INCLUDES $11.20 PER TANK -- STATE WATER RESOURCES CONTROL BOARD SURCHARGE.

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
JAMES RAYSOR	DIST MGR	(714) 875-5180	(714) 875-5940

OFFICE USE ONLY

EST NBR 86009111
PERMIT NBR 8603040001
FORMER EST NBR _____
PERMIT CATEGORY 222800
EXPIR DATE 04/30/86
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 2200
MFR NBR
APN
PERMIT FEE 106.00
STATE FEE 11.20
DELINQUENT FEE
TOTAL FEE REC'D 117.20

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED Milton F. Masters DATED 3/26/86 TITLE VICE-PRES TECHNICAL

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
04/30/87

(MAT CO.
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the health officer for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California and the County of San Bernardino pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $306.80

CAL MAT CO.
P.O. BOX 2950 TERM ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 4

INTERIM STATUS

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

Richard L. Roberts
Director
ENVIRONMENTAL HEALTH SERVICES

04-1804-631 REV. 3/85

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO — CAL MAT CO[redacted] — APR 08 1986
(213) 680-2316 — 2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

LEGAL OWNER INFO — CAL MAT CO[redacted] — APR 08 1986
(2[redacted]80-2316 — P.O. BOX 2950 TERM ANNEX
LOS ANGELES, CA 90051

<X> CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO — CAL MAT CO[redacted] c/o J. BENNETT
(213) 680-2316 — P.O. BOX 2950 TERM ANNEX
LOS ANGELES, CA 90051 APR 08 1986

IS THIS A TRANSFER? _____

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER X APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 004

PERMIT FEE INCLUDES $11.20 PER TANK -- STATE WATER RESOURCES CONTROL BOARD SURCHARGE.

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:
RALEIGH TOUGAS	MGR	(714)875 1150	(800) 282 4924

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

OFFICE USE ONLY	
EST NBR	86008958
PERMIT NBR	8603040060
FORMER EST NBR	
PERMIT CATEGORY	222800
EXPIR DATE	04/30/86
NEW, TRANS, RENEW	R
LOC CODE	64
SANI DIST	2200
MFR NBR	
APN	
PERMIT FEE	262.00
STATE FEE	44.80
DELINQUENT FEE	
TOTAL FEE REC'D	306.80

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED [signature] DATED 4-1-86 TITLE DIRECTOR ENVIRONMENTAL MATTERS

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

BILL DATE 03/18/86

*** REMIT COPY ***

ESTABLISHMENT NBR 86008958

CAL MAT CO/CONROCK DIV
P.O. BOX 2950 TERM ANNEX
LOS ANGELES, CA 90051

CAL MAT CO/CONROCK DIV
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

PERMIT NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
86(060	222800	PREVIOUS BALANCE		0.00
		UNDERGROUND STORAGE TANKS	101	262.00
		STATE FEE	105	44.80
		PERMIT TOTAL		306.80
		TOTAL DUE		306.80

APR 08 1986

ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. REVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE AND APPLICATION(S) WITH REMITTANCE TO:

ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA. 92415-0160
PHONE 714-383-2760

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

PAID
Amt 306.80
Date APR 08 1986
By

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

BILL DATE 03/18/86

*** CUSTOMER COPY ***

ESTABLISHMENT NBR 86008958

CAL MAT CO/CONROCK DIV
P.O. BOX 2950 TERM ANNEX
LOS ANGELES, CA 90051

CAL MAT CO/CONROCK DIV
2400 HIGHLAND AV
SAN BERNARDINO, CA 92405

PERMIT NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
861 1060	222800	PREVIOUS BALANCE		0.00
		UNDERGROUND STORAGE TANKS	101	262.00
		STATE FEE	105	44.80
		PERMIT TOTAL		306.80
		TOTAL DUE		306.80

MAR 25 AM 10:47

ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. REVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE AND APPLICATION(S) WITH REMITTANCE TO:

ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA. 92415-0160
PHONE 714-383-2760

HAZARDOU WASTE & TOXICS CONTROL SECTION
APBS DATA INPUT

FACE SHEET

ACTION CODE: I Esta. # 86008958 Permit # 860304006O

ESTABLISHMENT INFO (00)

Bill to: O Location # 64 Esta. Date _____

ADDRESSING INFO (99):

E
NAME: CAL MAT CO. / CONROCK DIVISION
ST. # 2400 FRAC: _____ DIR: _____ ST. NAME: Highland
ST. DESIG. Ave APT/SP _____
CITY San Bdo STATE Ca ZIP 92405 PH (213) 680 - 2316

A
NAME: _____
ST. # _____ FRAC: _____ DIR: _____ ST. NAME: _____
ST. DESIG. _____ APT/SP _____
CITY _____ STATE _____ ZIP _____ PH (___) ___ - _____

O
NAME: CAL MAT CO / CONROCK DIV.
ST. # _____ FRAC: _____ DIR: _____ ST. NAME: P.O. Box 2950 TERMINAL ANNEX
ST. DESIG. _____ APT/SP _____
CITY LOS ANGELES STATE CA ZIP 90051 PH (___) ___ - _____

PERMIT INFO (01):

Category: 222800 Exp. Date 4/30/86 San Dist Area: 22 San Dist. Emp: 00

Renewal Code: R

PROGRAM INFO:

# of Tank(s) 4

Date Entered : MAR 3 1986

Control # 10060

By (Initial): DL

COMMENTS/REMARKS:

1853 County of San Bernardino

INVOICE

DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
Underground Hazardous Substance Storage Program

Please make any deletions, additions, or corrections necessary. Return this invoice with the appropriate fee to: Department of Environmental Health Services, Hazardous Waste and Toxics Control Section, 385 North Arrowhead Ave., San Bernardino, CA 92415-0160. You may retain the yellow copy for your files. If you have any questions, please call 714-383-1856.

CAL MAT CO. / CONROCK DIVISION
~~3200 SAN FERNANDO ROAD~~ PO BOX 2950 TERMINAL ANNEX
LOS ANGELES, CA ~~90065~~ 90051

Due Date:
FEBRUARY 15, 1985
(pay within 30 days to avoid 50% penalty)

You are being billed for the following facilities:

Street Address	# of Tanks	Fee
2400 W. Highland Avenue, San Bernardino, CA 92405	3	$185.00
5709 20th Street, Upland, CA 91786	3	$185.00
	SUB TOTAL:	$370.00

PLEASE ADD AN EXISTING
7,500 gal BULK OIL TANK
TO OUR TANK INUENTORY
AT 2400 W. HIGHLAND AS
PER OUR DISCUSSION

45.00

TOTAL $415.00

2326

John Bennett

I declare under penalty of perjury, the information provided herein is true and correct to the best of my knowledge.

John H Bennett 2-7-85
Signature Date

JOHN H BENNETT
Name (Printed)

DIRECTOR ENVIRONMENTAL MATTERS
Title Phone #
(213) 680-2316

OFFICE USE ONLY

DATE 2/19/85
AMOUNT $415.00
RECEIPT NO. 227512
BY: CAS

PAID

2400 W. Highland Ave., S[redacted] Bernardino
San Bernardino

Owner: Cal Mat Co. Formerly Conrock Co.
3200 San Fernando Rd., Los Angeles

Invoice Mailed 2/1 Exp. 2/15 $ Due 185

30-Day Notice _____ Exp. _____ $ Due _____
(includes 50% penalty)

24-Hr Notice _____ Exp. _____ CollDept _____

Comments _____

PAID $ 230 DATE 2/19 BY [illegible]

State of California
State Water Resources Control Board
Division of Clean Water Programs
P.O. Box 944212
Sacramento, CA 94244-2120

(Instructions on reverse)

For State Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in Section 2807, Chapter 18, Div. 3, Title 23, CCR.

[ ] 500,000 dollars per occurrence
or
[X] 1 million dollars per occurrence

AND

[XX] 1 million dollars annual aggregate
or
[ ] 2 million dollars annual aggregate

B. CalMat Co. *hereby certifies that it is in compliance with the requirements of Section 2807,*
(Name of Tank Owner or Operator)
Article 3, Chapter 18, Division 3, Title 23, California Code of Regulations.
The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Comp.
Self Insurance	CalMat Co. 3200 San Fernando Rd. Los Angeles, CA 90065	N/A	$1,000,000 Per Occurance and Annual Aggregate	Annual	Yes	Yes

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance with all conditions for participation in the Fund.

D. Facility Name	Facility Address
See Attachment "A"	
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address

E. Signature of Tank Owner or Operator: J. D. McCormick — Date: 9/7/99 — Name and Title of Tank Owner or Operator: Jeff McCormick, V.P., Chief Financial Officer (Acting)

Signature of Witness or Notary: Cristina M. Kiel — Date: 9/7/99 — Name of Witness or Notary: Cristina M. Kiel

RECEIVED
SEP 15 1999

CFR(Revised 04/95) FILE: Original - Local Agency Copies - Facility Site(s)

CRISTINA M. KIEL
Commission # 1192212
Notary Public - California
Los Angeles County
My Comm. Expires Aug 3, 2002

CalMat Co

P. O. BOX 2950, LOS ANGELES, CALIFORNIA 90051 (213) 258-2777
3200 SAN FERNANDO ROAD, LOS ANGELES, CALIFORNIA 90065

Letter from the Chief Financial Officer

I am the Chief Financial Officer of ***CalMat Co., 3200 San Fernando Road, Los Angeles, California 90065***. This letter is in support of the use of the financial test of self-insurance to demonstrate financial responsibility for taking corrective action and compensating third parties for bodily injury and property damage caused by sudden or non-sudden accidental releases in the amount of at least $1,000,000 per occurrence and $1,000,000 annual aggregate arising from operating underground storage tanks.

Underground storage tanks at the following facilities are assured by this financial test by this owner. ***See attachment "A".***

A financial test is also used by this owner to demonstrate evidence of financial responsibly in the following amounts under other EPA regulations or state programs authorized by the EPA under 40 CFR parts 271 and 145:

EPA Regulations and Amount

Closure (§§ 264.143 and 265.143)	$ 0
Post-Closure care (§§ 264.145 and 265.145)	$ 0
Liability Coverage (§§ 264.147 and 265.147)	$ 0
Corrective Action (§§ 264.101 (b))	$ 0
Plugging and Abandonment (§ 144.63)	$ 0
Closure	$ 0
Post-Closure Care	$ 0
Liability Coverage	$ 0
Corrective Action	$ 0
Plugging and Abandonment	$ 0
Total	$ 0

* This owner has not received an adverse opinion, a disclaimer of opinion, or a "going concern" qualification from an independent auditor on his financial statements for the latest completed fiscal year.

Alternative 1

1.	Amount of annual aggregate coverage being assured by a financial test.	$ 1,000,000
2.	Amount of corrective action, closure and post closure care Cost, liability coverage and plugging and abandonment cost covered by a financial test.	$ 1,000,000
3.	Sum of lines 1 and 2	$ 2,000,000
4.	Total tangible assets	$ 640,829,000
5.	Total liabilities	$ 336,741,000
6.	Tangible net worth (Subtract line 5 from line 4).	$ 304,088,000

CalMat Co

P. O. BOX 2950, LOS ANGELES, CALIFORNIA 90051 (213) 258-2777
3200 SAN FERNANDO ROAD, LOS ANGELES, CALIFORNIA 90065

		Yes	No
7.	Is line 6 at least $10 million?	_X_	____
8.	Is line 6 at least 10times line 3?	_X_	____
9.	Have financial statements for the latest fiscal year been filed with the Securities and Exchange Commission?	_X_	____
10.	Have financial statements for the latest fiscal year been filed with the Energy Information Administration?.	____	_X_
11.	Have financial statements for the latest fiscal year been filed with the Rural Electrification Administration.	____	_X_
12.	Has financial Information been provided to Dun and Bradstreet, and has Dun and Bradstreet provided a financial strength rating of 4A or 5A. (DNB #053-00-0767)	_X_	____

I hereby certify that the wording of this letter identical to the wording specified in 40 CER part 280.95 (d). As such regulations were constituted on the date shown immediately below.

Signature: J. D. McCormick

Name: Jeff McCormick

Title: V. P., Chief Financial Officer (Acting)

Date: 9/7/99

ATTACHMENT "A"
CalMat Co.
UNDERGROUND TANKS

LOCATION	ADDRESS
Irwindale	4702 Azusa Canyon Rd. Irwindale, CA 91706
Irwindale	15980 Gilman Springs Rd. Moreno, CA 92360
Palmdale	6851 East Ave. Littlerock, CA 93543
San Bernardino	2400 West Highland San Bernardino, CA 92405
Saticoy	6029 Vineyard Ave. Oxnard, CA 93030
Sun Valley	11401 W. Tuxford Street Sun Valley, CA 91352
Upland	1975 N. Benson Street Upland, CA 91786
Carrol Canyon	10050 Black Mountain Road San Diego, CA 92126
Mission Valley	8080 Friars Rd. San Diego, CA 92163
Jamieson	50 El Charro Road Pleasanton, CA 94566
San Bernardino	2340 W. Highland San Bernardino, CA 92405
Los Angeles	2715 E. Washington Street Los Angeles, CA 90023
Bakersfield	529 Dolores Street Bakersfield, CA 93305
Escondido	849 W. Washington Ave. Escondido, CA 92025
Grass Valley	11825 La Barr Meadows Rd. Grass Valley, CA 95945
Durbin	13000 E. Los Angeles Street Irwindale, CA 91706

San Bernardino County Fire Department
HAZARDOUS MATI .S DIVISION • FIELD SERVICES/ENVIRON[redacted]TAL PROTECTION
385 N. Arrowhead Ave., 2n or, San Bernardino, CA 92415-0153 • (909) [redacted]7-3080 FAX (909) 387-4323

UNDERGROUND STORAGE TANK INSTALLATION INSPECTION FORM

DATE: 3-26-99 TIME: 9AM LOG # 010899-01

FACILITY NAME: Cal MAT

LOCATION: 2400 W. Highland Ave. San Bernardino

CONTRACTOR: Interstate / Tito (714) 350-6227

INSPECTORS PRESENT — HAZMAT C Armstrong EA II — FIRE _____ — AQMD _____ — OTHER _____

TANK #	SIZE	ANTICIPATED CONTENTS	UL #	UST MANUFACTURER / UST CONSTRUCTION

BEDDING MATERIAL: _____ BEDDING DEPTH: _____

IT LINING MATERIAL(if any): _____

OLIDAY TEST: _____ SOAP TEST: _____ VACUUM APPLIED _____ PRESSURE APPLIED: _____

OTES : New Installation - secondary piping inspection
(Environ piping) - product only
A.O. Smith - Vent/Vapor Recovery
Secondary product piping ≥5psi for 30min - OK
Vapor Recovery piping ≥5psi for 30min - OK
Vent piping ≥5psi for 30min - OK
Soap test all piping joints/fittings - OK
gauges → Zero - OK

COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO

HAZARDOUS MATERIALS DIVISION
FIELD SERVICES • ENVIRONMENTAL PROTECTION
385 North Arrowhead Avenue, Second Floor • San Bernardino, CA 92415-0153
(909) 387-3080 • Fax (909) 387-4323

PETER R. HILLS
Fire Chief
County Fire Warden

February 2, 1999

CALMAT COMPANY
3200 N SAN FERNANDO RD
LOS ANGELES, CA 90065

SUBJECT: MODIFICATION OF UNDERGROUND STORAGE TANK SYSTEM AT 2400 W. HIGHLAND AVE, SAN BERNARDINO

The plans submitted for the underground storage facility at the above reference location have been conditionally approved. The approval includes containment and leak detection systems for the tanks and piping and overfill protection for the tanks. It shall not take the place of any other required approvals (e.g., fire, electrical, air quality).

This approval shall not be construed as permission to build, or in lieu of other necessary permits (i.e. Building and Safety, Land Use requirements, Fire Department, Planning Department, or Air Quality District).

Additional requirements by this Department that are conditions of approval are:

The piping system must be tested in the presence of an inspector. Piping connections and piping must be pressurized to 75 PSI and secondary containment system to 5 PSI for 30 minutes. Soap test of all connectors, joints and fittings shall be performed. Sumps shall be tested by filling with water or other appropriate liquid and marked and held for a minimum of 24 hours. Tanks must be tested at 4.5 to 5 PSI for 30 minutes.

The completed system must be hydrostatically tested, pressure tested or equivalent in the presence of an inspector before backfilling is completed. Tanks and suction system piping are to be pressure tested at 4.5 to 5.0 PSI for 30 minutes prior to final approval.

All product delivery systems must have secondary containment. This must be in the form of double wall piping or an approved alternate system pre-approved but this Department.

The secondary containment system must be capable of intercepting, containing and directing any leakage from product lines, turbines, siphon systems, risers, return or supply lines to a sump with monitoring. Monitors shall be placed at the lowest point of the system and shall be both audible and visual.

All product delivery and vapor recovery lines shall be provided with shear valves.

Fire District DENNIS HANSBERGER Third D
Board Member JOE BACA, JR. Fourth D
PAT MAC
Fire District

A monitoring system must be provided for the interstitial space between the primary and secondary containment.

All backfill material must be washed sand, pea gravel or an equivalent material approved by this Department.

Impact plates positioned to prevent punctures must be provided for each tank.

Existing tanks that are to be abandoned or removed must be safeguarded or disposed of by procedures approved by this Department.

An approved fluid-tight fill box is required to prevent infiltration of spilled hazardous substances or surface water into the tank hole.

All underground storage tanks shall be fitted with a device that will prevent overfill under any circumstances including delivery operators' inattention (ball float check valves are not sufficient) it must either:

> Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank and triggering an audible and visual alarm, **or**
>
> Restrict delivery of flow to the tank at lease 30 minutes prior to tank overfill provided the restriction occurs when the tank is filled to no more than 95 percent of capacity, and provide audible alarm sounds at least five minutes prior to overfill; **or**
>
> Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent full.

Metal pipes and fittings must be isolated from backfill by a system approved by this Department.

All monitoring points must be provided with tamper proof, fluid tight access.

All metal tanks clad with a glass fiber reinforced plastic or similar material, for corrosion protection, must be Holiday tested, all fiberglass tanks must be pressurized and soap tested in the presence of an inspector just prior to placement into the excavation.

The original excavation for the secondary container shall have a water tight cover which extends at least one foot beyond each boundary of the original excavation. This cover shall be asphalt, reinforced concrete, or equivalent material which is sloped to drainways leading away from the excavation. Manways shall be constructed as water tight as practical.

The Veeder Root TLS electronic monitoring system is approved by this Department provided it is installed according to manufacturer's specifications by a certified contractor.

Flex connectors shall be installed on all underground liquid, vapor and vent piping where the piping leaves the dispensing island or location and just before the piping connects to underground tank fittings. Flex connectors shall also be installed on piping that is rigidly supported or connected between fixed points and which is subject to thermal expansion or differential movements. Flex connectors shall be provided with containment/isolation boot for cathodic protection.

All sumps must be equipped with an electronic leak detector capable of detecting any leaked or spilled product.

Product and Vapor Recovery lines be equipped with approval "Shear Valves under dispensers.

A remote "EMERGENCY SHUTOFF" for electrical power to the dispensing unit and the pumping supply shall be provided at an accessible location and shall be clearly labeled as to it's intended purpose.

"EMERGENCY SHUTOFF" shall be located both inside of building housing cashiers area and outside of building accessible for any emergency.

Dispensers shall be equipped with a containment system capable of containing any leak from piping connections or dispenser, containment must be provided with an approved monitoring system capable of stopping product flow should any leak occur.

All vapor recovery and vent lines shall be constructed of rigid non-corrosive piping, and shall be provided with flex joints.

Fill, vent, vapor recovery risers shall be contained in approved sumps with monitors wired for shutdown.

Please see attached guidelines for scheduling and inspection requirements. If you have any questions, please call (909) 387-3082.

Jim E Smith

JIM E. SMITH, REHS
Hazardous Materials Field Services

JES/jc

EST #86008458

S **)ER:**

- lete items 1 and/or 2 for additional services.
- lete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Cal Mat Co.
2350 W. Highland Ave.
San Bernardino, CA
92405

4a. Article Number
Z 580 125 380

4b. Service Type

- ☐ Registered
- ☑ Certified
- ☐ Express Mail
- ☐ Insured
- ☐ Return Receipt for Merchandise
- ☐ COD

7. Date of Delivery
12/3/98

5. Received By: *(Print Name)*
DALE ARMSTRONG

6. Signature: *(Addressee or Agent)*
Dale Armstrong

8. Addressee's Address *(Only if requested and fee is paid)*

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

PS Form **3811,** December 1994 102595-98-B-0229 Domestic Return Receipt

UNITED STATES POSTAL SERVICE

First-Class Mail
Postage & F aid
USPS
Permit No. G-10

• Print your name, address, and ZIP Code in this box. •

County of San Bernardino
COUNTY FIRE DEPARTMENT
Hazardous Materials Division
385 N. Arrowhead Ave., 2nd Floor
San Bernardino, CA 92415-0153

08 DEC -4 PM 2:13

COUNTY FIRE
HAZARDOUS MATERIALS

HMFS - Tina

San Bernardino County Fire Department
HAZARDOUS MATERIALS DIVISION • FIELD SERVICES/ENVIRONMENTAL PROTECTION
385 North Arrowhead Avenue, Second Floor, San Bernardino, CA 92415-0153 • (909) 387-3080 Fax (909) 387-4323

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name Cal Mat Co Date 24 Nov 98

Street Address 2350 & 2400 W Highland Ave Est. No. 860084SB

City San Bernardino Zip Code 92405 Number of Tanks 3 → 5

Facility Contact Randy Bennett Facility Phone No. 909-875-1150 Number of Employees ~

Refer to Title 23 of the California Code of Regulations (CCR), Chapters 6.7 of the Health and Safety Code (CHSC). The following Code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is Not Applicable, Not Addressed or Unknown (N).

GENERAL REQUIREMENTS		V	C	N
1. Failure to obtain UST Permits	CHSC 25284(a)	✓		
2. Failure to pay Permit Fees	CHSC 25287(a)	✓		
3. No Form A and B submitted	CHSC 25286(a)	✓		
4. Monitoring/Maintenance Records unavailable	CCR 2712(b)			✓
5. Failure to correct prior UST Violations	CCR 2712(f)			✓
6. No Owner/Operator Agreement	CHSC 25293(b)			✓
7. No Certification of Financial Responsibility	CHSC 25292.2(a)	✓		
8. Failure to report Change in Ownership	CCR 2712(d)		✓	
9. Failure to properly monitor UST	CHSC 25293		✓	
10. Failure to establish/implement a Business Plan	CHSC 25503.5		✓	
11. Failure to submit/update a Business Plan	CHSC 25505	✓		
MONITORING OF EXISTING UST SYSTEM (PRE 1984)				
Monitoring in General:				
15. No Leak-Detection/Monitoring Plan	CCR 2641(a)			✓
16. Failure to establish a Response Plan	CCR 2641(h)			✓
17. Failure to install Monitoring System	CHSC 25292(a)			✓
18. Failure to conduct Annual Precision Tests	CHSC 25292(b)			✓
19. Precision Test Results not submitted	CCR 2643(g)			✓
20. Monitoring Devices not maintained annually	CCR 2641(j)			✓
Piping:				
25. Pressurized Piping not tested annually	CHSC 25292(e)			✓
26. No in-line Leak Detector Installed (Press/Pipe)	CHSC 25292(e)			✓
27. Suction Piping not tested every 3 years	CCR 2643(d)			✓
28. Gravity Piping not tested every 2 years	CCR 2643(e)			✓
Inventory Reconciliation:				
30. No Monthly Inventory Reconciliation	CCR 2646(c)			✓
31. No Annual Inventory Reconciliation	CCR 2646(g)			✓
32. Failure to calibrate Meters Annually	CCR 2646(i)			✓
33. Failure to conduct Manual Tank Gauging	CCR 2645(b)			✓
MONITORING OF NEW UST SYSTEMS (1984 to Present)				
35. No Leak-Detection/Monitoring Plan	CCR 2632(b)	✓		
36. Failure to establish a Response Plan	CCR 2632(d)(2)	✓		
37. Failure to annually certify Monitoring System	CCR 2630(d)		✓	
38. Pressurized Piping not maintained/tested	CCR 2636(f)			✓
39. Failure to provide Overfill/Spill Protection	CHSC 25291(c)	✓		
40. Visual/Audio Alarms not operational	CCR 2632(c)(2)		✓	
UNAUTHORIZED RELEASES AND ABANDONMENTS				
45. Ops. resulting in Unauthorized Release	CHSC 25292.1(a)			✓
46. Failure to report/record Unauthorized Release	CCR 2650			✓
47. Unlawful abandonment of USTs	CHSC 25298(a)			✓
48. Unlawful closure of USTs	CHSC 25298(c)			✓
49. Failure to properly temporarily close UST	CHSC 25298(b)			✓
50. Failure to respond to Unauthorized Release	CCR 2652			✓

NARRATIVE/CORRECTIONS

CalMat Co. produces rock, sand and hot mix asphalt paving material.

2350 W. Highland Ave. is not permitted for any underground storage tanks at this time. There is one UST onsite.

1 - 10,000 gal diesel used to back up the Hot Plant

2400 W. Highland Ave is permitted for 3 USTs. However there are a total of 4 USTs onsite.

1 - 20000 gal diesel
1 - 3 compartment
12000 gal unleaded
3500 gal bulk oil
4500 gal waste oil

51. PAPERWORK VIOLATIONS NOTED 1 of 3

52. MECHANICAL VIOLATIONS NOTED

☐ Inspection 3.0 ☐ Reinspection ____ C.D. Date ____

☐ Complaint ____ ☐ *NOV Issued ____ Total Time ____

SIC Code ____ ☐ Multimedia ____

Other Requirements ____

E-mail Address ____

☐ **NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN ____ DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

Inspector ____ Received By ____ Title ____

Certified Unified Program Agency
San Bernardino County Fire Department
HAZARDOUS MATERIALS DIVISION • FIELD SERVICES/ENVIRONMENTAL PROTECTION
385 North Arrowhead Avenue, 2nd Floor, San Bernardino, CA 92415-0153 • (909) 387-3080 Fax (909) 387-4323

SUPPLEMENTAL INSPECTION REPORT

FACILITY NAME:	FACILITY LOCATION:
CalMat Co	2350 & 2400 W. Highland Ave

Correct the following violations:

(1) & (2) Obtain permits for the correct number of USTs onsite (3 → 5). This can be done by paying invoice upon receipt.

(3) Submit an A form for each facility location and a B form for each tank. (after modifications)

(7) Submit current certificate of financial responsibility.

(11) Update Business Plan

(36) (35) Submit Leak Detection and monitoring plan (after modifications)

These tanks do not meet Dec. 22, 1998 requirements and must be modified. You must submit modification plans for approval and obtain modification permits

- All single wall steel piping must be replaced with double wall fiberglass piping with sumps and continuous electronic monitoring capable of automatic shutdown of the system.

(2053)

3.0

Tina Godwin
Inspector

Cert mail
Received By

24 Nov 98
Date

Title

DISTRIBUTION: White – Facility
Canary – File
Pink – Inspector

15-17189-670 Rev. 7/97

Certified Unified Program Agency
San Bernardino County Fire Department
HAZARDOUS MATERIALS DIVISION • FIELD SERVICES/ENVIRONMENTAL PROTECTION
385 North Arrowhead Avenue, 2nd Floor, San Bernardino, CA 92415-0153 • (909) 387-3080 Fax (909) 387-4323

SUPPLEMENTAL INSPECTION REPORT

FACILITY NAME:	FACILITY LOCATION:
Calmat Co.	2350 & 2400 W. Highland Ave.

- Metallic portions of piping that are in direct contact with soil or backfill material must be cathodically protected by means of isolation. This is to be accomplished by installing sumps with continuous monitoring capable of automatic shutdown of the system.

- All dispensers must be equiped with continuous monitoring that will halt product flow if a leak is detected.

- (39) All tanks shall be equiped with overfill protection and spill buckets.

- All monitoring points must be capable of automatic shutdown of the system.

Submit signed certificate of compliance to this division with the required documentation.

3873

3.0

Tina Godwin
Inspector

Cert Mail
Received By

24 NOV 98
Date

Title

DISTRIBUTION: White — Facility
Canary — File
Pink — Inspector

15-17189-670 Rev. 7/97

V. C. I. Mechanical

ENVIRONMENTAL SERVICE DIVISION

U.S.T. MONITORING EQUIPMENT
OFFICIAL CERTIFICATION
* * * IMPORTANT DOCUMENT * * *

YOUR LOCAL REGULATORY AGENCY MAY REQUIRE A COPY OF THIS REPORT
PLEASE KEEP WITH YOUR UNDERGROUND STORAGE TANK DOCUMENTS

CONTACT:	Tony Lucero
COMPANY NAME:	CalMat Co
	Chapparal Concrete Co
LOCATION:	2400 West Highland Avenue
	San Bernardino, CA 92405

On May 21, 1998, V. C. I., a duly authorized service representative of Univeral Sensors & Devices checked out and calibrated one Leak Alert model LA-04, Serial Number 81122, underground storage tank monitoring panel.

The following items were tested individually:

Vapor Sensor(s): 0

Liquid Sensor(s): 4

Combo Sensor(s): 0

Line Sensor(s): 0

TLM Probe(s): 0

Positive Shut Down: 0

Deficiencies: None. All systems and sensors operating normally.

The alarm panel was tagged and sealed.

SIGNED BY : _____
Dennis Minnock, Division Service Manager

Vapor Controls, Inc. *2650 Gundry Avenue*
Signal Hill CA 90806
(800) 634-0085 / (562) 426-2242 / Fax (562) 424-0672

Plant:	CalMat Co (Chapparal Concrete)	CalMat Co	Inspection Date :	5/21/98
Address:	2400 West Highland	Plant UST Data Sheet	Contact :	Randy Bennent
	San Bernardino, CA 92405		Phone :	(909)875-1150

TANK	Tank 1	Tank 2	Tank 3	Tank 4
Mfg	Unk	Unk	Unk	Unk
Size (Gal)	20,000	12,000	3,500	4,500
Fiberglass or Steel	F/G - Steel	F/G - Steel	F/G - Steel	F/G - Steel
Secondary Containment	Yes	Yes	Yes	Yes
Age	3/10/87	3/10/87	3/10/87	3/10/87
Product	DSL	UNL	Bulk Oil	W/Oil
Fill Type	Standard	Standard	Standard	Standard
Overfill Protection %90 Flapper valve need	**None**	**None**	**None**	**None**
Spill Containment Replace	**12" Bucket**	**12" Bucket**	**12" Bucket**	**12" Bucket**

PIPING							
Double / Single Wall	**Single Wall**		**Single Wall**		**Single Wall**		**Single Wall**
Steel / Fiberglass	**Steel**	**SWS**	**Steel**	**SWS**	**Steel**	**SWS**	**Steel**
Pressure / Suction	Pressure		Pressure		Suction		N/A Gravity
Sub Unit Mfg / HP	Red Jacket		Red Jacket		N/A		N/A
Leak Detectors	**MLD**		**MLD**		N/A		N/A
Dispensors	Gilbraco		Gilbraco				
Dispensors Contained need	**No**		**No**		Replace piping		
Vent Capped	Yes		Yes				
Hose	2		1				
Nozzle	Standard		Booted	V/R			

MONITORING SYSTEM			
Monitor Mfg & Model			USD Leak Alert LA-04
Serial Number			81122
System Certified			Yes
Sensor	Liquid	4	2 Ann. / 2 Low Point
Sensor	Vapor		N/A
Probes	In Tank		None
Line Pressure			None
Cathodic Protection			N/A
Fuel Management			None

Upgrades Required Looks good monitoring must have positive shut off

Install drop tubes with overfill prevention devices. 4ea.

Test MLD's. Repair or replace if required. 2 ea.

Install dispensor containment boxes.

Replace alarm panel light.

Replace SWS piping with double wall fiberglass piping. Install fiberglass containment sumps on fills with overspill and turbines.

Install riser cap and adaptor on diesel fill. Broken and missing now.

Comments Verify monitoring on bulk and waste oil tanks.

San Bernardino Co. states any installation prior to 1994 must have the upgrades indicated above.

V. C. I. Mechanical

ENVIRONMENTAL SERVICE DIVISION

U.S.T. MONITORING EQUIPMENT
OFFICIAL CERTIFICATION
* * * IMPORTANT DOCUMENT * * *

YOUR LOCAL REGULATORY AGENCY MAY REQUIRE A COPY OF THIS REPORT
PLEASE KEEP WITH YOUR UNDERGROUND STORAGE TANK DOCUMENTS

CONTACT:	Tony Lucero
COMPANY NAME:	CalMat Co Asphalt Hot Plant
LOCATION:	2350 West Highland Avenue San Bernardino, CA 92405

On May 21, 1998, V. C. I., a duly authorized service representative of Ronan Engineering checked out and calibrated one model X76S-A2, Serial Number 8-1756, underground storage tank monitoring panel.

The following items were tested individually:

Vapor Sensor(s): 0

Liquid Sensor(s): 2

Combo Sensor(s): 0

Line Sensor(s): 0

TLM Probe(s): 0

Positive Shut Down: 0

Deficiencies: None. All systems and sensors operating normally.

The alarm panel was tagged and sealed.

SIGNED BY : _____

Dennis Minnock, Division Service Manager

Vapor Controls, Inc. 2650 Gundry Avenue
Signal Hill CA 90806
(800) 634-0085 / (562) 426-2242 / Fax (562) 424-0672

CalMat Co

Plant UST Data Sheet

Plant :	CalMat - - Asphalt Hot Plant		**Inspection Date :**		21-May-98
Address :	2350 West Highland Avenue		**Contact :**		Randy Bennent
	San Bernardino, CA 92405		**Phone :**		(909)875-5180

TANK	Tank 1	
Mfg	Joor	
Size (Gal)	10,000	
Fiberglass or Steel	Fiberglass / Steel	
Secondary Containment	Yes	
Age	3/10/87	
Product	Tank Empty	
Fill Type	Standard	
Overfill Protection %	need **None**	90% ie Flapper valve
Spill Containment	12" Buckets	

PIPING		
Double / Single Wall	**Single Wall**	Replace DWF
Steel / Fiberglass	**Steel**	
Pressure / Suction	Suction - Sump	
Sub Unit Mfg / HP	N/A	
Leak Detectors	N/A	
Dispensors	None	Back Up Fuel Supply to Hot Plant.
Dispensors Contained	~~N/A~~ N/A	
Vent Capped	Yes	
Hose	N/A	
Nozzle	N/A	

MONITORING SYSTEM		
Monitor Mfg & Model	Ronan X76S-A2	
Serial Number	8-1756	
System Certified	Yes	positive shut-off NO ~~Cathodic~~
Sensor Liquid	2	
Sensor Vapor	N/A	
Probes In Tank	None	
Line Pressure	N/A	
Cathodic Protection	N/A	
Fuel Management	None	

Comments

Dennis visited site 6/30/98 unable to visually confirm tank information.
Spoke to Randy. Stated the tank was installed same time as 2400 Highland location. Will need to review tank documents prior to quotation.

Repairs Required

Install drop tube with automatic overfill prevention device.

CalMat

INDUSTRIAL ASPHALT

RANDY BENNETT

SAN BERNARDINO PLANT MANAGER

2400 W. HIGHLAND AVENUE
SAN BERNARDINO, CA 92405
OFFICE (909) 875-1150
FAX (909) 873-0658

CalMat Co

P.O. BOX 2950, LOS ANGELES, CALIFORNIA 90051 (213) 258-2777
3200 SAN FERNANDO ROAD, LOS ANGELES, CALIFORNIA 90065

ENVIRONMENTAL
HEALTH SERVICES
94 APR 22 AM 9:42



April 19, 1994

Doug Snyder
Envir. Health Services, 2nd Floor
385 North Arrowhead Avenue
San Bernardino, CA 92415-0160

Dear Mr Snyder:

Attached is the Certification of Financial Responsibility form for sites for which you are the local implementing agency. This form supersedes any other forms that may currently be in your files for the sites indicated.

Please call me if you have any questions on this matter.

Very truly yours,

Tony J. Lucero, P.E.
Director of Environmental Affairs

/oc
enc.

State of California
State Water Resources Control Board

For Regulatory Agency Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in Section 2807, Chapter 18, Div. 3, Title 23, CCR:

[ ] 500,000 dollars per occurrence or [X] 1 million dollars per occurrence AND [X] 1 million dollars annual aggregate or [ ] 2 million dollars annual aggregate

B. CalMat Co *hereby certifies that it is in compliance with the requirements of Section 2807,*
(Name of Tank Owner or Operator)
Article 3, Chapter 18, Division 3, Title 23, California Code of Regulations.
The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Comp.
State Fund	State Cleanup Fund P.O.Box 944212 Sacramento, CA 94244-2120	Not applicable for state fund	$990,000 per occurrence $990,000 per Annual Agg	State Fund coverage continuous	Yes	Yes
Chief Financial Officer Letter	CalMat Co 3200 San Fernando Road Los Angeles, CA 90065	Not applicable for state alternative mechanism	$10,000 per occurrence $10,000 per Annual Agg	Renewed annually	Yes	Yes

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance with all conditions for participation in the Fund.

D. Facility Name	Facility Address
CalMat/Upland Plant	1975 N. Benson Street Upland, Ca 91786
CalMat/San Bernardino Plant	2400 W. Highland Avenue San Bernardino, CA 92405

E. Signature of Tank Owner or Operator	Date	Name and Title of Tank Owner or Operator
Tony J. Lucero	4-19-94	TONY J. LUCERO, Dir of Envir Affairs
Signature of Witness or Notary	Date	Name of Witness or Notary

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RN TO" Space on the reverse side. Failure to do this revent this card from being returned to yo return receipt fee will provide you the name of the p delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. *(Extra charge)*
2. ☐ Restricted Delivery *(Extra charge)*

3. Article Addressed to:

Industrial Asphalt
2340 W. Highland Ave
San Bernardino, Calif. 92405

Attn: Dwight Beamer

4. Article Number
165,754

Type of Service:
- ☐ Registered
- ☐ Insured
- ☒ Certified
- ☐ COD
- ☐ Express Mail
- ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Addressee
X

6. Signature — Agent
X

7. Date of Delivery
10-29-91

8. Addressee's Address *(ONLY if requested and fee paid)*

PS Form **3811**, Apr. 1989 ★U.S.G.P.O. 1989-238-815 **DOMESTIC RETURN RECEIPT**

UNITED STATE STAL SERVICE

OFFICIAL BUSINESS

SENDER INSTRUCTIONS

Print your name, address and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

U.S.MAIL

PENALTY FOR PRIVATE USE, $300

RETURN TO

Print Sender's name, address, and ZIP Code in the space below.

County of San Bernardino
Department of Environmental Health Service
385 N. Arrowhead Ave.
San Bernardino, Calif 92415

C. Richards 90084

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF CLEAN WATER PROGRAMS
2014 T Street, Suite 130
P.O. BOX 944212
SACRAMENTO, CALIFORNIA 94244-2120

FAX TRANSMITTAL

DATE: 9/29/95

TO: Ron Ripley
San Bernardino Co.

FAX# (909) 387-4323

FROM: Donna Schmeck
DIVISION OF CLEAN WATER PROGRAMS
FAX (916) 227-4349 - Main fax
FAX (916) 227-4595 - Cleanup Fund
FAX (916) 227-4530 - Facilities Planning

(If you did not receive all your FAX, please call (916) 227- 4306 **)**

ask for _____ **)**

No. of Pages 2 **(including this transmittal sheet)**

[X] **For your information**

[ ] **Per your request**

[ ] **For your review and comments**

[ ] **Original will be coming in the mail**

Remarks: Address change

File Industrial Asphalt
2350 W. Highland
San Bernardino

DONNA/JANICE/VERONICA -

I received a phone call from Dwight Beavers, Industrial Asphalt, and he wanted us to change the mailing address and contact name for the following sites:

SAN BERNARDINO -

2350 W. Highland Ave., San Bernardino - #90084

SAN DIEGO -

8150 Friars Rd., San Diego - #H21129-001
1309 Sycamore Ave., Vista - #H19291-001

ORANGE -

2400 Santa Ana Canyon Rd., Anaheim - 89UT187

LOS ANGELES -

7107 E. Ave. T, Little Rock - #4334

The correct information is:

Industrial Asphalt
Dwight Beavers
PO Box 2950
Los Angeles, CA 90051

I looked the site numbers up myself but I'll let you contact your agencies and make the corrections.

Lori
9-29-95

ENVIRONMENTAL HEALTH SERVICES

COUNTY OF SAN BERNARDINO
ENVIRONMENTAL
MANAGEMENT GROUP

☑ 385 North Arrowhead Avenue • San Bernardino, CA 92415-0160 • (714) 387-4646
☐ 320 East "D" Street • Ontario, CA 91764 • (714) 391-7570
☐ 15505 Civic Drive • Victorville, CA 92392 • (619) 243-8141
☐ 17830 Arrow Boulevard • Fontana, CA 92335 • (714) 829-6244
☐ 57407 Twentynine Palms Highway • Yucca Valley, CA 92284 • (619) 228-5410
☐ San Bernardino County Vector Control Program
2355 East Fifth Street • San Bernardino, CA 92415-0064 • (714) 383-3200
☐ Environmental Enforcement and Housing
172 West Third Street • San Bernardino, CA 92415-0315 • (714) 387-6512/6515

PAMELLA BENNETT, R.E.H.S.
Director

Also serving the cities of:

Adelanto	Montclair
Apple Valley	Needles
Barstow	Ontario
Big Bear Lake	Rancho Cucamonga
Chino	Redlands
Colton	Rialto
Fontana	San Bernardino
Grand Terrace	Twentynine Palms
Hesperia	Upland
Highland	Victorville
Loma Linda	Yucaipa

February 16, 1993

INDUSTRIAL ASPHALT
P.O. BOX 7607
VAN NUYS, CALIFORNIA 91409

ATTENTION: DWIGHT BEAVERS

SUBJECT: INDUSTRIAL ASPHALT, LOCATED AT 2340 W. HIGHLAND AVE., SAN BERNARDINO, CALIFORNIA SITE #90084

This letter confirms the completion of site investigation and remedial action for the underground storage tank at the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is the position of this office that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of the responsibility to clean up existing, additional, or previously unidentified conditions at the site, which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

If you have any questions regarding this matter, please call (909) 387-3041.

Curtis R Brundage, REHS

CURTIS BRUNDAGE, R.E.H.S.
ENVIRONMENTAL HEALTH SPECIALIST II
HAZARDOUS MATERIALS DIVISION
SITE REMEDIATION/LOCAL OVERSIGHT PROGRAM

CB:raa

cc: Sandy Gill, State Water Resources Control Board
Stan White, Mittelhauser Corporation

San Bernardino County Department of
Environmental Health Services

State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

Notice of Requirement to Reimburse

Site Code 90084 Date First Reported 09/24/90
Site Name Industrial Asphalt Substance Diesel Fuel
Address 2340 W. Highland Ave. Petroleum (X)Yes ( )No
City/State/Zip San Bernardino, California 92405-1406

Responsible Party and/or Contact Person Dwight Beavers
Responsible Party and/or Contact Company Industrial Asphalt
Address P.O. Box 7607
City/State/Zip Van Nuys, California 91409

The federal Petroleum Leaking Underground Storage Tank Trust Fund (Federal Trust Fund) provides funding to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks. The Legislature has authorized funds to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks. The direct and indirect costs of site investigation or remedial action at the above site are funded, in whole or in part, from the Federal Trust Fund. The above individual(s) or entity(ies) have been identified as the party or parties responsible for investigation and cleanup of the above site. **YOU ARE HEREBY NOTIFIED** that pursuant to Title 42 of the United States Code, Section 6991b(h)(6) and Sections 25297.1 and 25360 of the California Health and Safety Code, the above Responsible Party or Parties must reimburse the State Water Resources Control Board not more than 150 percent of the total amount of site specific oversight costs actually incurred while overseeing the cleanup of the above underground storage tank site, and the above Responsible Party or Parties must make full payment of such costs within 30 days of receipt of a detailed invoice from the State Water Resources Control Board.

Contract Project Director: **Curtis Brundage, R.E.H.S.**
for Peter Brierty, Division Chief

Curtis R Brundage (909) 387-3041 Date 02/17/93
Signature Telephone Number

Add: ___ Reason: _____

Delete: ___ Reason: _____

Change: X Reason: Address Change for RP

STANDARD FORM UST03 (12/92)

Add/discard Go to Exit
WRCB 0132-5500 COUNTY OF SAN BERNARDINO
UNDERGROUND STORAGE TANK CLEANUP SITE

*SITE ID: 90084 SITE NAME: Industrial Asphalt ~~RANK~~:
ADDRESS> ST NUMBER: 2340 DIR: W STREET: Highland
CITY: San Bdno ZIP CODE: 91409 EMPLOYEE NO: 5
*EST#: *APN: PROP65: REG BOARD:
FUNDING: FED EXEMPT? PETROLEUM?
SUBSTANCE(S) 1: 2: 3: 4: 5:
DATE REPORTED: DATE CONFIRMED: ~~CATEGORY~~:
CASE TYPE: CONTRACT STATUS: 8 MULTIPLE RPs(Y/N)? -> RP COUNT:

RP SEARCH : DATE BEGIN: DATE END:
PRELIM ASSESSMENT : DATE BEGIN: DATE END:
REMEDIAL INVESTIG.: DATE BEGIN: DATE END:
REMEDIAL ACTION : DATE BEGIN: DATE END: 12-29-93
POST REMED MONITOR: N DATE BEGIN: DATE END:

DT EMERG RESP: ENF ACTION? TYPE: DT ACTION:

Add/discard Go to Exit

UNDERGROUND STORAGE TANK CLEANUP SITE

SUPERVIS DIST: FACILITY TYPE: LUFT CATEGORY:
CASE CLOSED: Y DATE CASE CLOSED: 12-29-93 DATE EXC START:
TOTAL RP COST FROM STATE:
RAP: DATE FINAL RAP APPROVED: TIME EXT NOTIF DATE:
REMED ACTIONS TAKEN: REQ ACT DUE DATE:
REQUIRED ACTIONS:

1ST RP CONTACT: Dwight Beavers Industrial Asphalt RP PHONE:
1ST RP COMPANY: P.O. Box 7607
ADDRESS> STREET NO: ~~P.O. Box 7~~ STREET NAME: P.O. Box 7607
CITY: Van Nuys, CA 91409 STATE/ZIP:
DATE NOR SENT: LOP:

COMMENT:

(For multiple RPs use the Add or Edit EXTRA-RP RECORDS menu options)

ENVIRONMENTAL HEALTH SERVICES

COUNTY OF SAN BERNARDINO
ENVIRONMENTAL
MANAGEMENT GROUP

☑ 385 North Arrowhead Avenue • San Bernardino, CA 92415-0160 • (714) 387-4646
☐ 320 East "D" Street • Ontario, CA 91764 • (714) 391-7570
☐ 15505 Civic Drive • Victorville, CA 92392 • (619) 243-8141
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☐ 57407 Twentynine Palms Highway • Yucca Valley, CA 92284 • (619) 228-5410
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2355 East Fifth Street • San Bernardino, CA 92415-0064 • (714) 383-3200
☐ Environmental Enforcement and Housing
172 West Third Street • San Bernardino, CA 92415-0315 • (714) 387-6512/6515

PAMELLA BENNETT, R.E.H.S.
Director

Also serving the cities of:

Adelanto	Montclair
Apple Valley	Needles
Barstow	Ontario
Big Bear Lake	Rancho Cucamonga
Chino	Redlands
Chino Hills	Rialto
Colton	San Bernardino
Fontana	Twentynine Palms
Grand Terrace	Upland
Hesperia	Victorville
Highland	Yucaipa
Loma Linda	Yucca Valley

December 29, 1993

INDUSTRIAL ASPHALT
6623 CALLE EVA MIRADA
AZUSA, CALIFORNIA 91702

ATTENTION: DWIGHT BEAVERS

SUBJECT: INDUSTRIAL ASPHALT, LOCATED AT 2340 W. HIGHLAND AVE., SAN BERNARDINO, CALIFORNIA SITE # 90084

This letter confirms the completion of site investigation and remedial action for the underground storage tank at the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is the position of this office that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of the responsibility to clean up existing, additional, or previously unidentified conditions at the site, which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

If you have any questions regarding this matter, please call (909) 387-3041.

Curtis Brundage, REHS

CURTIS BRUNDAGE, R.E.H.S.
ENVIRONMENTAL HEALTH SPECIALIST II
HAZARDOUS MATERIALS MANAGEMENT
SITE REMEDIATION/LOCAL OVERSIGHT PROGRAM

cc: Sandy Gill, State Water Resources Control Board
Stan White, Mittelhauser Corporation

HARRY M. MAYS
County Administrative Officer

ALBERT R. REID
Assistant Administrative Officer
Environmental Management Group

Board of Supervisors
MARSHA TUROCI . . . . . First District
JON D. MIKELS . . . . . Second District
BARBARA CRAM RIORDAN . . . . . Third District
LARRY WALKER . . . . . Fourth District
ROBERT L. HAMMOCK . . . . . Fifth District

MITTELHAUSER corporation

23272 Mill Creek Drive
Laguna Hills, California 92653
(714) 472-2444

August 3, 1992

Mr. Curtis Brundage
Department of Environmental
Health Service
San Bernardino County
385 North Arrowhead Avenue
San Bernardino, California 92415

SUBJECT: Transmittal of Final Remediation Report
Industrial Asphalt's Highland Facility

Dear Mr. Brundage:

Enclosed is one copy of the final Remediation Report for Industrial Asphalt's Highland Facility in San Bernardino, California.

If you have any questions, please feel free to call me at (714) 587-2118 or Brian Finnell at (714) 587-2132.

Sincerely,

MITTELHAUSER CORPORATION

Stanley G. White

Stanley G. White
Project Geologist

SGW:
P1792CF
Enclosure

ENVIRONMENTAL
HEALTH SERVICES
92 AUG -6 PM 2:04

MITTELHAUSER corporation

23272 Mill Creek Drive
Laguna Hills, California 92653
(714) 472-2444

ENVIRONMENTAL
HEALTH SERVICES
92 DEC 22 PM 3:48

December 21, 1992

Mr. Curtis Brundage
Department of Environmental
Health Service
San Bernardino County
385 North Arrowhead Avenue
San Bernardino, California 92415

SUBJECT: Letter Concerning the Completion of the Incorporation of Excavated Material into Cold Mix Asphalt at Industrial Asphalt's San Bernardino Facility

Dear Mr. Brundage:

This letter is written, per your request, to confirm that the material excavated and stockpiled during the site remediation at Industrial Asphalt's San Bernardino Facility has been incorporated into cold mix asphalt. The material was excavated from the area of a former underground diesel tank per the approved site remediation plan. The remediation procedures were discussed in the Site Remediation report completed by Mittelhauser Corporation for Industrial Asphalt. The site remediation report was submitted to the County of San Bernardino Department of Health Services (SBDHS) on August 3, 1992.

On November 25, 1992, Mittelhauser visited the site where the stockpile had been located to verify the material was no longer present. In addition, the operation foreman and plant manager were questioned about the incorporation process and they stated all of the material had been incorporated into the cold mix asphalt.

This letter represents the completion of the site remediation at Industrial Asphalt's San Bernardino facility. The excavated material has been incorporated into cold mix and per the above referenced site remediation report, we recommend no further action be taken.

If you have any questions, please feel free to call me at (714) 587-2118 or Brian Finnell at (714) 587-2132.

Sincerely,

MITTELHAUSER CORPORATION

Brian A. Fo

for Stanley G. White
Project Geologist

BAF:
P1792CH
c.c. Dwight Beavers - Industrial Asphalt

MITTELHAUSER
corporation
23272 Mill Creek Drive, Suite 300
Laguna Hills, California 92653

EL TORO
DEC 21'92
CALIF.
PB METER
5141879
$2.29
U.S. POSTAGE

ENVIRONMENTAL
HEALTH SERVICES
92 DEC 22 PM 3:37

Mr. Curtis Brundage
Department of Environmental Health Service
San Bernardino County
385 North Arrowhead Avenue
San Bernardino, CA 92415

TELEPHONE CONVERSATION DOCUMENTATION SHEET
HAZARDOUS MATERIALS FIELD SERVICES

SAN BERNARDINO COUNTY

Industrial Asphalt — COMPANY NAME
Stan White — PERSON CONTACTED
2340 W. Highland — ADDRESS
S.B. — CITY

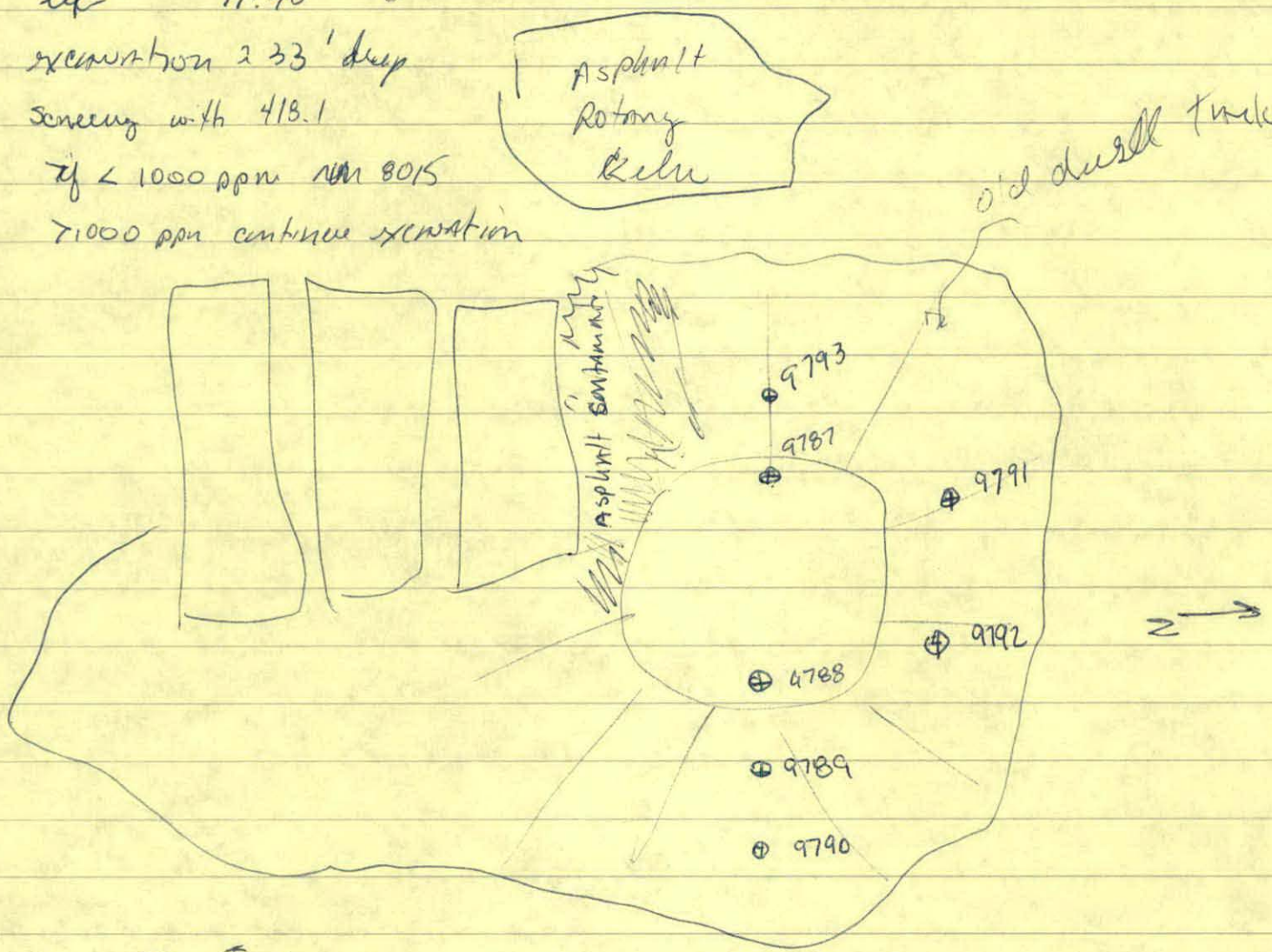
DISCUSSION:

7-14-92 I had asked for an update on the work being done Mr. White stated that he was working on the report and expected to submit the report in 2-3 weeks. I advised to send it to my Attn.

Curtis R Brundage — INSPECTOR
7-14-92 — DATE

2-28-92 Industrial asphalt #90084
2340 W. Highland
SLC

Arrived 10:15 → Back at site 2:55 Left at 3:25
left 11:45
excavation ≈ 33' deep
screening with 418.1
If < 1000 ppm run 8015
> 1000 ppm continue excavation



TerraTech Mobile Lab on-site analyses

sample ID			
9787	West bottom	9791	NW side wall ≈ 20'
9788	East bottom	9792	NE side wall ≈ 20'
9789	≈ 25' bgs East wall	9793	West side wall ≈ 25'
9790	≈ 15' bgs East wall		

2-28-92 Industrial Asphalt Cont

All samples coming back ND 418.1 + 8015 8020 All ND except last two which were still being ~~analyzed~~ analyzed. Told Stan which that at least two < .3.3 11 for BTXE backfill at not only office and have them prep me Had to discuss with

file

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PAMELLA BENNETT, R.E.H.S.
Director

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OCTOBER 23, 1991

INDUSTRIAL ASPHALT
2340 W. HIGHLAND AVENUE
SAN BERNARDINO, CALIFORNIA 92405

ATTENTION: DWIGHT BEAVERS

SUBJECT: SITE REMEDIATION WORK PLAN FOR INDUSTRIAL ASPHALT, LOCATED AT 2340 W. HIGHLAND AVENUE, SAN BERNARDINO, CALIFORNIA

The Department has reviewed the subject document dated September, 1991 submitted by Mittlehauser Corporation. This remedial action plan is conditionally approved provided the following requirements are met:

1. Although a cleanup level of 1000 ppm (TPH) and 10,000 ppm (TRPH) is proposed for this site, the Department reserves the authority to require remediation to any level necessary to protect the public health and the environment.

2. A Department representative must be present when post-excavation verification samples are obtained. A notice of 5 working days is required to schedule an inspection.

3. An appropriate number of soil samples must be obtained from the bottom and sidewalls of the excavation.

4. The Department has no objections to your consultants proposal to recycle diesel-contaminated soil generated on-site into the asphalt making process. The soil does not appear to be hazardous per criteria in the California Code of Regulations, Title 22, Article 11, and is statutorily exempt from regulation as addressed in the California Health and Safety Code, Section 25143.2.

5. Please notify the Department when the process of recycling the contaminated soil is complete.

Interim standards pursuant to 29 CFR 1910.120 have been recently developed by OSHA addressing safety at hazardous waste operations. While this Department is not the enforcement authority for these regulations, it is advising that these standards are in effect and enforceable, and this site appears to meet the criteria where these standards are applicable. For information regarding these requirements, please contact the local OSHA office at (213) 861-9993.

If you have any questions, please call (714) 387-4631.

Catherine B. Richards

CATHERINE B. RICHARDS, R.E.H.S.
ENVIRONMENTAL HEALTH SPECIALIST II
HAZARDOUS MATERIALS MANAGEMENT
EMERGENCY RESPONSE/ENFORCEMENT

cc: Stanley G. White, Mittlehauser Corporation

CBR/blm

file

San Bernardino County Department of
Environmental Health Services

State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

Notice of Requirement to Reimburse

Site Code 90084 Date First Reported 07/13/90
Site Name Industrial Asphalt Substance Diesel Fuel
Address 2340 W. Highland Ave Petroleum (X)Yes ( )No
City/State/Zip San Bernardino, California 92405

Responsible Party and/or Contact Person Dwight Beavers
Responsible Party and/or Contact Company Industrial Asphalt
Address 2340 W. Highland Avenue
City/State/Zip San Bernardino, California 92405

The federal Petroleum Leaking Underground Storage Tank Trust Fund (Federal Trust Fund) provides funding to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks. The Legislature has authorized funds to pay the local and state agency administrative and oversight costs associated with the cleanup of releases from underground storage tanks. The direct and indirect costs of overseeing removal or remedial action at the above site are funded, in whole or in part, from the Federal Trust Fund. The above individual(s) or entity(ies) have been identified as the party or parties responsible for investigation and cleanup of the above site. **YOU ARE HEREBY NOTIFIED** that pursuant to Title 42 of the United States Code, Section 6991b(h)(6) and Sections 25297.1 and 25360 of the California Health and Safety Code, the above Responsible Party or Parties must reimburse the State Water Resources Control Board not more than 150 percent of the total amount of site specific oversight costs actually incurred while overseeing the cleanup of the above underground storage tank site, and the above Responsible Party or Parties must make full payment of such costs within 30 days of receipt of a detailed invoice from the State Water Resources Control Board.

Contract Project Director: Catherine B. Richards, R.E.H.S. for Peter Brierty, Division Chief

Catherine B. Richards (714) 387-4631 Date 10/23/91
Signature Telephone Number

Add: X Reason: New site

Delete: ___ Reason: _____

Change: ___ Reason: _____

STANDARD FORM UST03(1/91)

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OCTOBER 23, 1991

INDUSTRIAL ASPHALT
2340 W. HIGHLAND AVENUE
SAN BERNARDINO, CALIFORNIA 92405

ATTENTION: DWIGHT BEAVERS

SUBJECT: REIMBURSEMENT FOR DEPARTMENTAL OVERSIGHT OF UNDERGROUND STORAGE TANK LEAK INVESTIGATION AND REMEDIAL ACTION

The Department records indicate that presently or in the past you owned and/or operated an underground storage tank(s) which has had an unauthorized release or owned property where this has occurred. The site is currently in some stage of investigation or remedial action and this correspondence is to inform you that because you fall within the above description, you have been named as a responsible party in this case.

The Department has recently entered a contract with the State Water Resources Control Board to provide oversight of investigations and remedial activities at qualified sites, to which yours has been assigned. The program is funded by State and Federal monies and is subject to reimbursement by responsible parties for each specific site.

The county will account for time and materials expended at each cleanup site. On a routine basis, the state will be provided with the amounts detailing the time and expenses. The State will then invoice the responsible parties for all direct and indirect costs associated with the cleanup.

Enclosed is a "Notice of Reimbursement" which identifies the site which is impacted by this program. This is the formal notification concerning the reimbursement requirements for the responsible parties. If it is determined at a later date that this site does <u>not</u> qualify for inclusion in this program, the Department will bill the responsible parties directly for the expenses incurred.

If any of the information on the "Notice of Reimbursement" is incorrect or if you should have any questions, please contact the office as soon as possible at (714) 387-4631.

Catherine B. Richards

CATHERINE B. RICHARDS, R.E.H.S.
ENVIRONMENTAL HEALTH SPECIALIST II
HAZARDOUS MATERIALS MANAGEMENT
EMERGENCY RESPONSE/ENFORCEMENT

RAR/blm

PROPERTY RESEARCH REQUEST FORM

Date: 10/22. Requester _____

Please fill out all information you know about the site in question, the clerk will fill out what can be found in the computer.

Check [ ] if information is wanted. Check { } if print out is wanted.

[ ]	{ }	Site Name	Industrial Asphalt
[ ]	{ }	Street & Number	2340 W. Highland Ave.
[ ]	{ }	City	San Bernardino
[ ]	{ }	Assessor Parcel No.	0264-042-028
[ ]	{ }	Current Tenant	
[ ]	{ }	Previous Tenant	
		Assessor Parcel No.	
[ ]	{X}	Owner Name	
[ ]	{ }	Mailing Address	
		Owner Status	
[ ]	{ }	Previous Owner	
[ ]	{ }	Legal Description	(This we will print out only, some are too lengthy to write out)

Reason for Request: _____

Notes/Comments Nothing on this name with this address.
Nothing w/ this APN

Please try again w/ APN

HMFS:8/89

file

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MARCH 27, 1991

INDUSTRIAL ASPHALT
2340 W. HIGHLAND AVENUE
SAN BERNARDINO, CALIFORNIA 92410

ATTENTION: DWIGHT BEAVERS

SUBJECT: REQUIREMENT FOR REMEDIAL ACTION FOR INDUSTRIAL ASPHALT LOCATED AT 2340 W. HIGHLAND, SAN BERNARDINO, CALIFORNIA

This letter is in response to a verbal request by Stanley G. White of Mittelhauser Corporation asking for an explanation of the Department requirement of remedial action for the subject location. As a result of the unauthorized release of diesel fuel from the former underground storage tank, samples from borings drilled on October 22, 1990 reveal contamination in excess of what is generally acceptable remaining in the former tank area. The reference document for cleanup levels is the Leaking Underground Fuel Tank Manual, prepared by the State Water Resources Control Board. This agency has set guidelines in the LUFT document of the levels of contamination which may remain in place following the unauthorized release of hazardous substances from underground storage tanks and not potentially impact the groundwater. It is important to note that this is a guidance document and the Department reserves the authority to require remediation below the levels suggested in LUFT if warranted. It is the Department's opinion that due to historical and geologic factors at this site remedial action is warranted.

If you have any questions, please call (714) 387-4631.

Catherine B. Richards

CATHERINE B. RICHARDS, R.E.H.S.
ENVIRONMENTAL HEALTH SPECIALIST II
HAZARDOUS MATERIALS MANAGEMENT
EMERGENCY RESPONSE/ENFORCEMENT

cc. Stanley G. White, Mittelhauser Corporation

CBR/blm

Date 3/14/91 Hour 9:

To Cathy

WHILE YOU WERE OUT

From Stan White

Of

Phone (714) 587-2118

Telephoned	X	Returned Call		Please Call	X
Please See Me		Will Call Again		Important	

Message

Re: Industrial Asphalt Site

Signed

AIGNER RECORDER NO. 50-726

Date 3/18/91 Hour 11:05

To Cathy

WHILE YOU WERE OUT

From Stan White

Of Mittelhauser

Phone ( ) 587-2118

Telephoned	X	Returned Call		Please Call	X
Please See Me		Will Call Again		Important	

Message

Send letter explaining letter of March & requesting reinstatement

spoke 3/19/91

Signed Brenda

ARNER RECORDED NO. FA 705

TELEPHONE CONVERSATION DOCUMENTATION SHEET

COUNTY OF SAN BERNARDINO

Mittlehauser — Laguna Hills
COMPANY NAME — CITY

Stan White — Geologist
PERSON CONTACTED — POSITION

(714) 587-2118 re: Industrial Asphalt, 2340 W. Highland, San Bernardino
DISCUSSION:

Stan White called and wanted the Department to issue a follow up letter to the letter of March 8, 1991 requiring remediation at this site. He wanted an explanation of why remediation is required by DEHS.

C Richards REHS. / 3/19/91
INSPECTOR — DATE

TABLE 2-3

GENERAL RISK APPRAISAL FOR PROTECTION OF WATER QUALITY: APPLICABILITY CHECKLIST	YES	NO
1. Is the site in a mountainous area? (shaded moist areas &/or areas with rocky subsurface conditions)		X
2. Is the site in an area that could collect surface runoff or intercept water from a source other than the natural precipitation?		X
3. Does the areal extent of soil contamination exceed 100 meters²?	X	
4. Do the concentrations of fuel constituents in any soil samples exceed the following amounts: benzene - 100 ppm, toluene - 80 ppm, xylene - 40 ppm, ethylbenzene - 40 ppm.		
5. Are there any records or evidence of man-made or natural objects which could provide a conduit for vertical migration of leachate?		X
6. Do any boring or excavation logs show the presence of fractures, joints or faults that could act as a conduit for vertical migration of leachate?		X
7. Do any boring logs show that contaminated soil could be within 5 ft. of highest ground water?		X
8. Do any boring logs show the presence of a layer of material, 5 ft. thick or more, which is more than 75% sand and/or gravel?		X

414yd3

NO BTXE unknown

Directions:

1. Boring logs taken during the general risk appraisal can be used to answer questions 5-8. In addition, analytical results of the soil samples taken during the general risk appraisal can be used to answer questions 3 and 4.
2. Lateral migration of constituents to problem areas should also be considered in questions 5-8.
3. The above checklist contains questions which are designed to identify sites with environmental conditions which could produce a greater risk to ground water than was modeled. The results of the general risk appraisal are most applicable if all of the questions on the checklist can be answered "no" with reasonable certainty. If any of the questions on the checklist cannot be answered "no", then the results of the general risk appraisal may be less valid.

file

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Hesperia	Twentynine Palms
Highland	Upland

Victorville

March 8, 1991

INDUSTRIAL ASPHALT
2340 W. HIGHLAND AVENUE
SAN BERNARDINO, CALIFORNIA 92410

ATTENTION: DWIGHT BEAVERS

SUBJECT: SITE ASSESSMENT REPORT FOR INDUSTRIAL ASPHALT, LOCATED AT 2340 WEST HIGHLAND AVENUE, SAN BERNARDINO, CALIFORNIA

The Department has reviewed the subject document dated January 1991, submitted by Mittelhauser Corporation. The results of the boring activity reveal diesel fuel contamination in excess of LUFT criteria in the areas of B-2 and B-3 and the Department requires that remedial action be undertaken for this site.

Please submit a proposal to remediate the effects of contamination at this site including a schedule of completion to the Department within 60 days.

If you have any questions, please call (714) 387-4631.

Catherine B. Richards

CATHERINE B. RICHARDS, R.E.H.S.
Environmental Health Specialist II
Hazardous Materials Management
Emergency Response/Enforcement

CBR:lg

cc: Stanley G. White, Mittlehauser Corporation

gw 100'

Notes

Site Assessment Report

Industrial Asphalt

2340 W. Highland, SB.

M. Hehaman 11/91

Borings done on a weekend - no DEHS representative.

Limited fuel investigation removed 5/18/90.

6 borings to 40'.

Soil samples analyzed for both TPH (8015m. and 418.1)

No 8020 was done, as proposed.

They propose to submit a Phase I report - does not say what it will address.

(2) submit samples for Title 22 analysis & make a hazardous determination

(3) Request leaving in place. or excavating if regulatory agency will not approve leaving in place.

Levels of 34600 TRPH in soil @ 20'

GW 100

Notes Industrial Asphalt
2340 W. Highland SB.

Tank pulled 5/18/90. Diesel tank

TPH 31,400 ppm 6/18/90 — attempting to excavate out contamination.

TPH 20,380 ppm 5/21/90 — results of initial sampling under tank
14,157 ppm.
no letter to investigate issued
UST form 9/24/90
Site Assessment workplan submitted 8/29/90 Matthews
5 tanks held liquid asphalt
→ 1 tank held diesel fuel.

Propose to drill 6 borings.
does not mention steam cleaning of augers.
5 ft intervals
proposes to submit only 1-2 samples from all borings
cold storage
NO compositing of samples.
1. 8015 M for diesel - analysis
and 8020 for 1 sample w/ highest TPH in each boring.
2. Selected samples for 418.1
cleaning equipment

Industrial Asphalt
2340 Highland
San Bernardino

Table 2-2
Leaching Potential Analysis for Diesel
Using Total Petroleum Hydrocarbons (TPH)
and Benzene, Toluene, Xylene and Ethylbenzene (BTX&E)

The following table was designed to permit estimating the concentrations of TPH and BTX&E that can be left in place without threatening ground water. Three levels of TPH and BTX&E concentrations were derived (from modeling) for sites which fall into catagories of low, medium or high leaching potential. To use the table, find the appropriate description for each of the features. Score each feature using the weighting system shown at the top of each column. Sum the points for each column and total them. Match the total points to the allowable BTX&E and TPH levels.

SITE FEATURE	SCORE	SCORE 10 PTS IF CONDITION IS MET	SCORE	SCORE 9 PTS IF CONDITION IS MET	SCORE	SCORE 5 PTS IF CONDITION IS MET
Minimum Depth to Ground Water from the Soil Sample (feet)	10	>100		51-100		25-50\1
Fractures in subsurface (applies to foothills or mountain areas)	10	None		Unknown		Present
Average Annual Precipitation (inches)		<10	9	10-25		26-40\2
Man-made conduits which increase vertical migration of leachate	10	None		Unknown		Present
Unique site features: recharge area, coarse soil, nearby wells, etc		None	9	At least one		More than one
COLUMN TOTALS→TOTAL PTS	30	+	18	+		= 48
RANGE OF TOTAL POINTS	49pts or more		41 - 48 pts		40pts or less	
MAXIMUM ALLOWABLE B/T/X/E LEVELS (PPM)	1/50/50/50		.3/.3/1/1		NA\3	
MAXIMUM ALLOWABLE TPH LEVELS (PPM)	10000		1000		100	

\1 If depth is greater than 5 ft. but less than 25 ft., score 0 points. If depth is 5 ft. or less, this table should not be used.
\2 If precipitation is over 40 inches, score 0 points.
\3 Levels for BTX&E are not applicable at a TPH concentration of 100ppm

Date 2/28/91 Hour 10:3

To Cathy

WHILE YOU WERE OUT

From Stan White

Of Mittelhauser

Phone (714 587-2118

Telephoned	X	Returned Call	X	Please Call	
Please See Me		Will Call Again		Important	

Message

Signed llm

AIGNER REORDER NO. 50-726

Date 2/21/91 Hour 8:02

To Cathy

WHILE YOU WERE OUT

From Stan White

Of Mittelhauser Corp.

Phone (714) 587-2118

Telephoned	X	Returned Call		Please Call	X
Please See Me		Will Call Again		Important	

Message

S.B. Industrial
Asphalt site

recommending clean
in place.

Signed TM

AIGNER REORDER NO. 50-726

HAZARDOUS WASTE DISCHAR[redacted]PORT FORM
(PROPOSITION [redacted]

LOG NUMBER 900924-1

TIME _____ REPORTED BY C RICHARDS, DEHS

TELEPHONE # 387-3080

INCIDENT LOCATION 2340 W. HIGHLAND AVE
SAN BDNO

RESPONSIBLE PARTY INDUSTRIAL ASPHALT

DESCRIPTION UGST - GW impact unknown
Release of diesel fuel discovered during tank removal
See attached

DETERMINED NOT REPORTABLE 9/24/90 (Date) [signature] (Authorized Signature)

(Authorized Signature)

REASON FOR EXEMPTION AT THIS TIME GW impact unknown—
under inv.

DETERMINED REPORTABLE _____ (Authorized Signature)

REASON FOR REPORTABILITY _____

NOTIFICATION SUMMARY SENT TO: Clerk of the Board _____ Date

Distribution to County Library System _____ Date

Telephone Message Recorded _____ Date _____ Time

cc: Automated Systems _____ Date

TNK CLN DB
APN

P.O. Box 2950
L.A. CA 90051

INDUSTRIAL ASPHALT

2340 W. Highland
S.B.

A T T E N T I O N

On Monday, December 31, 1990, Industrial Asphalt's General Office located in Irwindale is moving from 6623 Calle Eva Miranda, Irwindale, CA 91706 (P.O. Box 2263, Irwindale, CA 91706) to:

3200 San Fernando Road
Los Angeles, CA 90065
(818) 781-6080

P.O. Box 7607
Van Nuys, CA 91409 *

Please change your records accordingly.

already done on 12-6-90
8600911 1 - ✓
8600 9992 - ✓
8600 9464 - ✓
8601143 1 - ✓

TELEPHONE CONVERSATION DOCUMENTATION SHEET

COUNTY OF SAN BERNARDINO

Mattheuser — Laguna Hills
COMPANY NAME — CITY

Steve White — Geologist
PERSON CONTACTED — POSITION

(714) 587-2118 re: Industrial Asphalt 2340 W. Highland, San Bernardino

DISCUSSION:

He called to tell us that air sparging would have to be brought on site because HSA could not penetrate subsurface. He had scheduled work for a weekend because of safety considerations on site. I told him that DEHS representative could not be on site on the weekend and this was ok if workplan was adhered to and results submitted in 30 days. There may be a deviation in boring near NW corner of former drill trash.

C Richards REHS. / 11/14/90
INSPECTOR — DATE

Date 10/11 Hour 2:58

To cathy

WHILE YOU WERE OUT

From Stan White

Of

Phone ( ) 587-2118

Telephoned	X	Returned Call		Please Call	X
Please See Me		Will Call Again		Important	

Message

Drilling #F drilling
10/19/90 instead of 10/18/90
Industrial Asphalt

Signed lm

AIGNER REORDER NO. 50-796

file

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COUNTY OF SAN BERNARDINO
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Highland	Upland

Victorville

SEPTEMBER 27, 1990

INDUSTRIAL ASPHALT
6623 CALLE EVA MIRADA
AZUSA, CALIFORNIA 91702

ATTENTION: DWIGHT BEAVERS

SUBJECT: SITE ASSESSMENT WORK PLAN FOR INDUSTRIAL ASPHALT, LOCATED AT 2340 W. HIGHLAND AVENUE, SAN BERNARDINO, CALIFORNIA

The Department has reviewed the subject document dated August 29, 1990, submitted by Mittelhauser Corporation. This work plan is conditionally approved provided the following conditions are met:

1. Persons responsible for performing the borings must possess a current C-57 Well Contractors License.

2. All borings and sampling shall be performed as prescribed in the California Code of Regulations, Title 23, Chapter 3, Subchapter 16, Section 2645 (b) through (e) and excluding subsection (h).

3. Samples may be analyzed in any order of depth, and if justified to the Departments satisfaction, analysis of selected samples may be omitted. The consultant is advised that the analysis of twelve samples from six borings may not be adequate to make a determination of the vertical, lateral, and areal extent of contamination.

4. Soil samples shall be analyzed as discrete samples.

5. The auger shall be appropriately steam cleaned between borings.

6. The results of this investigation must be submitted to this office within 90 days. The report should include a remedial action proposal and a schedule of completion.

HARRY M. MAYS
County Administrative Officer
B. L. INGRAM, Administrator
Environmental Public Works Agency

Board of Supervisors
MARSHA TUROCI . . . . . First District
JON D. MIKELS . . . . . Second District
BARBARA CRAM RIORDAN . . . . Third District
LARRY WALKER . . . . . Fourth District
ROBERT L. HAMMOCK . . . . . Fifth District

7. This office must be notified 5 working days in advance of boring or sampling activity so a Department representative may be scheduled to be present.

Interim standards pursuant to 29 CFR 1910.120 have been recently developed by OSHA addressing safety at hazardous waste operations. While this Department is not the enforcement authority for these regulations, it is advising that these standards are in effect and enforceable, and this site appears to meet the criteria where these standards are applicable. For information regarding these requirements, please contact the local OSHA office at (213) 861-9993.

If you have any questions, please call (714) 387-3044.

Catherine B. Richards

CATHERINE B. RICHARDS, R.E.H.S.
ENVIRONMENTAL HEALTH SPECIALIST II
HAZARDOUS MATERIALS MANAGEMENT
EMERGENCY RESPONSE/ENFORCEMENT

cc. Daniel E. Collins, Mittlehauser Corporation

CBR/blm

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED ? ☐ YES ☒ NO

REPORT DATE 09/24/90 (M M D D Y Y)

CASE #

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFTY CODE.
SIGNED Catherine B. Richards DATE 9/24/90

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: Catherine B. Richards
PHONE: (714)3873044
SIGNATURE: Catherine B. Richards

REPRESENTING ☐ OWNER/OPERATOR ☐ REGIONAL BOARD ☒ LOCAL AGENCY ☐ OTHER
COMPANY OR AGENCY NAME: San Bernardino County DEHS
ADDRESS: 385 N. Arrowhead Ave. (STREET) San Bernardino (CITY) Calif (STATE) 92415 (ZIP)

RESPONSIBLE PARTY

NAME: Industrial Asphalt ☐ UNKNOWN
CONTACT PERSON: Dwight Beaver
PHONE: (818)969-7951
ADDRESS: 6623 Calle Eba Miranda (STREET) Azusa (CITY) California (STATE) 91702 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE): Industrial Asphalt
OPERATOR:
PHONE: ( )
ADDRESS: 2340 W. Highland Ave. (STREET) San Bernardino (CITY) San Bernardino (COUNTY) 92410 (ZIP)
CROSS STREET: Macy St.

IMPLEMENTING AGENCIES

LOCAL AGENCY: San Bernardino CO DEHS
AGENCY NAME:
CONTACT PERSON: Catherine B. Richards
PHONE: (714)3873044
REGIONAL BOARD: Santa Ana
CONTACT PERSON: Steve Overman
PHONE: (714)7824130

SUBSTANCES INVOLVED

(1) NAME: Diesel fuel
QUANTITY LOST (GALLONS): ☐ UNKNOWN ☒
(2) ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 05/18/90 (M M D D Y Y)
HOW DISCOVERED ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER
DATE DISCHARGE BEGAN (M M D D Y Y) ☒ UNKNOWN
METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) ☒ REMOVE CONTENTS ☐ REPLACE TANK ☒ CLOSE TANK ☐ REPAIR TANK ☐ REPAIR PIPING ☐ CHANGE PROCEDURE ☐ OTHER
HAS DISCHARGE BEEN STOPPED ? ☒ YES ☐ NO IF YES, DATE 05/18/90 (M M D D Y Y)

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☒ TANK LEAK ☐ UNKNOWN ☐ PIPING LEAK ☐ OTHER
CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER

CASE TYPE

CHECK ONE ONLY: ☒ UNDETERMINED ☐ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY
☐ NO ACTION TAKEN ☒ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☐ LEAK BEING CONFIRMED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ VACUUM EXTRACT (VE) ☐ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☒ OTHER (OT) Under investigation

COMMENTS

HSC 05 (11/89)

INSTRUCTIONS

EMERGENCY
Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY
To avoid duplicate notification pursuant to Health and Safety code Section 25180.7, a designated government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY
Enter your name, telephone number, and address. Indicate which party you epresent and provide company or agency name.

RESPONSIBLE PARTY
Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION
Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES
Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED
Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT
Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE
Indicate source(s) of leak. Check box(es) indicating cause of leak.

CASE TYPE
Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS
Indicate the category which best describes the current status of the case. Check one box only. The respons should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.
Leak Being Confirmed - Leak suspected at site, but has not been confirmed.
Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.
Preliminary Site Assessment Underway - implementation of workplan.
Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.
Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.
Cleanup Underway - implementation of remediation plan.
Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.
Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION
Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.
Containment Barrier - install vertical dike to block horizontal movement of contaminant.
Excavate and Dispose - remove contaminated soil and dispose in approved site.
Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).
Remove Free Product - remove floating product from water table.
Pump and Treat Groundwater - generally employed to remo e dissolved contaminants.
Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.
Replace Supply - provide alternative water supply to affected parties.
Treatment at Hookup - install water treatment devices at each dwelling or other place of use.
Vacuum Extract - use pumps or blowers to draw air through soil.
Vent Soil - bore holes in soil to allow volatilization of contaminants.
No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION
If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Loans and Grants, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. County Board of Supervisors or designee to receive Proposition 65 notifications.
5. Owner/responsible party.

LIC.#352057

Renfrew

INSTALLATION AND SERVICE OF FUEL MANAGEMENT AND CONTAINMENT SYSTEMS

(PAGES) 3

(FAX NUMBER) 714-387-4323

TO: (NAME) Glenn Fleming

(COMPANY) San Bern. Envior. Health

(DEPARTMENT) _____

FROM: (NAME) Monte - Renfrow Const.

(MESSAGE) Soil Results for 2340 W. Highland Ave. (C.I.A.)

8721 Tamarack Avenue • Sun Valley, CA 91352
(818) 767-7557 • (213) 271-5901 • FAX (818) 767-7595

RECEIVED JUN 27 1990

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900 FAX 714/538-1209

CLIENT

Renfrow Construction, Inc.
8721 Tamarack Avenue
Sun Valley, CA 91352

Attn: Monty Neuman

LAB NO ML00139

REPORTED 06/19/90

SAMPLE Soil

IDENTIFICATION 2340 Highland, San Bernardino

BASED ON SAMPLE As Submitted to Our Mobile Laboratory

RECEIVED 06/18/90

Results from subsequent sampling when they were attempting to excavate out contamination. Soil recycled into asphalt process upon verbal from J. Smith.

	SS1 West	
Total Hydrocarbons (TPH DHS)	37	mg/kg
Hydrocarbons (418.1)	31,400	mg/kg
Benzene (8020)	ND< 0.05	mg/kg
Toluene	ND< 0.05	mg/kg
Ethyl Benzene	ND< 0.1	mg/kg
Total Xylenes	ND< 0.1	mg/kg

Date Analyzed: 06/18/90

ASSOCIATED LABORATORIES

Edward S. Behare, Ph.D.

ESB/ql

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratories are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING
Chemical •
Microbiological •
Environmental •

C-1 10M

ASSOCIATED LABORATORIES

806 N. Batavia • Orange, CA 92668
(714) 771-6900 • FAX: (714) 538-1209

CHAIN OF CUSTODY RECORD

Date 6-18-90 Page 1 of 1

CLIENT Rowflow Const. — Monte Neumann

ADDRESS 8721 TAMARACK AVE
Sun Valley 91352

PROJECT MANAGER
818-767-7557
PHONE NUMBER

PROJECT NAME

SAMPLERS: (Signature)

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ____ 24 Hr. ____
Regular ____ 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER	AIR	SOLID	NO. OF CNTNRS	SUSP CONTAM	TESTS REQUIRED
SS1	West End of hole @ 27'	6-18-90	1100						8015 8020 & 418.1

Relinquished by: (Signature) Monte Neumann — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by: Mobile Laboratory for field analysis: (Signature) — Date/Time

Special Instructions:

I hereby authorize the performance of the above indicated work.

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier, Gold to Main Lab

County of San Bernardino — Environmental Public Works Agency
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES

UNDERGROUND STORAGE TANK INSPECTION FORM

FACILITY NAME Industrial Asphalt — CONTACT PERSON Monte Renfrew

SITUS ADDRESS 2340 W. Highland Ave — OTHERS PRESENT

MAILING ADDRESS — PHONE NUMBER ( )

LEAK DETECTION/MONITORING METHOD — NUMBER OF TANKS

ALL VIOLATIONS ARE INDICATED BY A CHECKED BOX AND MUST BE CORRECTED IMMEDIATELY, UNLESS NOTED OTHERWISE.

Violation		GENERAL REQUIREMENTS (All Tanks)	Sweeps
	1.	TANK/HANDLER PERMITS CURRENT?	1
	2.	VISUAL SIGNS OF LEAKAGE? (FILL BOX/TURBINE/DISPENSERS)	
	3.	PRODUCT CHANGES? (TANK COMPATABILITY/ BUSINESS PLAN)?	3
	4.	CORROSION PROTEC./MAINT. CERT. AVAILABLE?	
	5.	PRECISION TEST RECORDS AVAILABLE?	13
	6.	FUEL DISPENSERS CALIBRATED? (EVERY 6 MONTHS)	
	7.	NOTIFICATION PROCEDURE SIGNS POSTED?	25
	8.	BUSINESS PLAN SUBMITTED/APPROVED/CURRENT?	
		TANKS INSTALLED PRIOR TO 1/1/84	
	9.	MONITORING PROPOSAL SUBMITTED AND APPROVED?	9
	10.	QTLY. REPORTS SUBMITTED AND AVAILABLE?	
	11.	INVENTORY REC. RECORDS COMPLETE/TAKEN DAILY/ AVAILABLE?	15
	12.	INVENTORY RECORDS CORRECTLY RECONCILED?	21
	13.	PRODUCT LOSS EXCEEDS LIMITS?	27
	14.	DIPSTICK IN GOOD CONDITION? INDICATOR PASTE USED?	23

Violation		TANKS INSTALLED AFTER 1/1/84	Sweeps
	15.	TANK AND PIPING ANNULAR SPACE MONITORED?	
	16.	ELECTRONIC INVENTORY PRINTOUTS AVAILABLE?	
	17.	AUDIBLE/VISUAL ALARMS OPERATIONAL?	11
	18.	IN ALARM? PIPELINE LEAK DETECTORS PRESENT/OPERATIONAL?	
	19.	MON. FREQ. APPROPRIATE? ANNUAL MAINT. CERT. AVAILABLE?	
	20.	LEAK DETECTION MODE RUN?	
		MONITORING WELLS	
	21.	MON. WELLS PROPERLY SEALED/LIDS LABELED?	17
	22.	WATER SAMPLE ANALYSIS AVAIL./OR CONT. ELEC. MON. FUNCTIONAL?	29
	23.	VADOSE WELLS-PROBES PRESENT? 6 MO. MAINT. CERT. AVAILABLE?	
		WASTE TANKS ONLY	
	24.	CONTENTS VERIFIED? MANIFESTS AVAILABLE?	
	25.	MEASUREMENTS TAKEN AT BEGINNING AND END OF WORKDAY?	

Tank tight + Holiday Test.

Backhoe operator brushed top of backhoe across top of manway collar and broke it. It was fiberglass. It can be repaired on site.

Glenn F Teming
Inspector

Received By

7/2/90
Date

County o Bernardino — Environmental Public W Agency
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES

UNDERGROUND STORAGE TANK INSPECTION FORM

FACILITY NAME Industrial Asphalt CONTACT PERSON Monte Renfrew

SITUS ADDRESS 2340 W. Highland Ave OTHERS PRESENT

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	4.	CORROSION PROTEC./MAINT. CERT. AVAILABLE?	
	5.	PRECISION TEST RECORDS AVAILABLE?	13
	6.	FUEL DISPENSERS CALIBRATED? (EVERY 6 MONTHS)	
	7.	NOTIFICATION PROCEDURE SIGNS POSTED?	25
	8.	BUSINESS PLAN SUBMITTED/APPROVED/CURRENT?	
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	20.	LEAK DETECTION MODE RUN?	
		MONITORING WELLS	
	21.	MON. WELLS PROPERLY SEALED/LIDS LABELED?	17
	22.	WATER SAMPLE ANALYSIS AVAIL./OR CONT. ELEC. MON. FUNCTIONAL?	29
	23.	VADOSE WELLS-PROBES PRESENT? 6 MO. MAINT. CERT. AVAILABLE?	
		WASTE TANKS ONLY	
	24.	CONTENTS VERIFIED? MANIFESTS AVAILABLE?	
	25.	MEASUREMENTS TAKEN AT BEGINNING AND END OF WORKDAY?	

Tank set + Holiday Test.

Backhoe operator brushed top of backhoe across top of manway collar and broke it. It was fiberglass, It can be repaired on site.

J. Smith.

Glenn Fleming
Inspector

Received By

7/2/90
Date

HAZARDOUS MATERIALS FIELD SERVICES — 385 North Arrowhead Avenue, San Bernardino, CA 92415-0160 — (714) 387-3080

08-17941-631 Rev. 10/89

Tank & considerable sludge in it manifested as hazardous waste.

SAN BERNARDINO COUNTY - DEHS
HAZARDOUS MATERIALS FIELD SERVICES PROGRAM
UNDERGROUND STORAGE TANK REMOVAL
INSPECTION FORM

Date: 5-18-90 Time: _____

Facility Name: Industrial Asphalt

Location: 2340 W. Highland San Bdo

Contractor: Ben Goo Const.

	Quantity	Hauler	Method	Destination	PPM
Triple Rinsate:	_____	_____	_____	_____	N/A
Tanks:	1	Haz Mat Trans	_____	Erickson	N/A
Contaminated soil:	_____	_____	_____	_____	___

Manifest #: 88672960 Dry Ice Used (10-15 lb/1000 gal): _____

	Tank#	Size	Material held	UL#	Appearance (sound, rusty, etc)
1.	1	20,000	diesel	none	old, rusty
2.	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____

	Sample#	Date	Sample description (color/odor)	Location	Depth	Results
1.	1	5/18/90	sand, black & oil/tar	W end	11'	_____
2.	2	5/18/90	" "	E end	11'	_____
3.	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____

Taken By: Teori Paxton Laboratory: Sr1060

Container: glass Refrigeration: _____ Headspace: no

Splits: no Labels: yes Seals: yes

Chain of custody: yes EPA Test #s Requested: _____

Gasoline: 8015, 8020, 7420 (Pb); Diesel: 418.1 or 8015

Solvents: 8010; Waste Oil: 418.1 + 7030 (Cd), 7190 (Cr), 7950 (Zn), 7420 (Pb), 7080 (As), 8080 (PCBs)

PS 300 bunker fuel

Inspectors: AQMD: _____

FIRE: _____

OTHER: _____

FORMS COMPLETED:	DATE COMPLETED:
1. Unauthorized Release Form	_____
2. Log Sheet (for site mitigations)	_____
3. Proposition 65 Report	_____
4. "Order to Investigate" Letter	_____
5. Adjustment to APBS	_____
6. SWEEPS (Forms A and B)	_____

SCAQMD REFERENCE # _____

1166 situation reported (describe in detail): _____

_____

_____

Date	Time	Person Contacted
_____	_____	_____

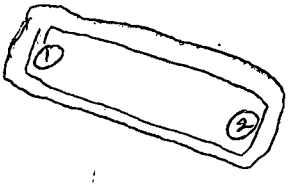
SCAQMD PHONE NUMBERS

(818) 572-6195 (800) 572-6306

MAP OF FACILITY (indicate where samples were taken)

Hopper

Office



N

NORTH

Glenn Fleming
INSPECTOR

5/18/90
DATE

State of California—Health and Welfare Agency
Form Approved OMB No. 2050—0039 (Expires 9-30-8[illegible])
Please print or type. (Form designed for use on elite [illegible]itch typewriter).

Department of Health Services
Toxic Substances Control Division
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000277129 — Manifest Document No. [illegible]001

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address: INDUSTRIAL ASPHALT CO. 2340 HIGHLAND AVE NORTH RIALD

4. Generator's Phone (714) 875-5180

A. State Manifest Document Number: 88672960

B. State Generator's ID:

5. Transporter 1 Company Name: CLAUS HAZMAT TRANS INC. 6. US EPA ID Number: CAT080012800

C. State Transporter's ID:

D. Transporter's Phone: 714-780-9336

7. Transporter 2 Company Name: 8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address: ERICKSON INC. 13738 SLOVER AVE FONTANA CAL. 92335 10. US EPA ID Number: CAD982484933

G. State Facility's ID:

H. Facility's Phone: 714-355-5601

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. ~~(WASTE EMPTY STORAGE TANK)~~ NON RCRA HAZARDOUS WASTE SOLID	001	TP		P	State 512 / EPA/Other EXEMPT
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above: EMPTY PETROLEUM STORAGE TANK

K. Handling Codes for Wastes Listed Above: a. 01 b. c. d.

15. Special Handling Instructions and Additional Information: GLOVES TANK # 227

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

FOR GENERATOR

Printed/Typed Name: BRIAN ALEXANDER — Signature: Brian Alexander — Month Day Year: 05 18 90

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: CARL MCKNIGHT — Signature: [signature] — Month Day Year: 05 18 90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year:

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: — Signature: — Month Day Year:

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

DHS 8022 A (1/88)
EPA 8700—22
Rev. 9-88) Previous editions are obsolete.

Do Not Write Below This Line

Blue: GENERATOR SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95812-0400

STATE OF CALIFORN... WATER RESOURCES CONTR... BOARD

FORM 'A':
SITE

UNDERGROUND STORAGE TANK PROGRAM
FACILITY/SITE, INFORMATION and/or PERMIT APPLICATION

COMPLETE THIS FORM FOR EACH FACILITY/SITE

No. 16704

MARK ONLY ONE ITEM							
	☐ 1 NEW PERMIT	☐ 3 RENEWAL PERMIT	☐ 5 CHANGE OF INFORMATION	☐ 7 PERMANENTLY CLOSED SITE
	☐ 2 INTERIM PERMIT	☑ 4 AMENDED PERMIT	☐ 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS — (MUST BE COMPLETED)

FACILITY/SITE NAME: INDUSTRIAL ASPHALT		CARE OF ADDRESS INFORMATION: INDUSTRIAL ASPHALT	
ADDRESS: 2340 W. HIGHLAND AVE.		NEAREST CROSS STREET	☑ Box to indicate ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY
CITY NAME: SAN BERNARDINO 92405	STATE: CA	ZIP CODE: 92405	SITE PHONE #, WITH AREA CODE: 714 875 5180
TYPE OF BUSINESS: ☐ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☐ 5 OTHER	☑ Box if INDIAN RESERVATION or TRUST LANDS ☐	EPA ID #: CAC000231969	# of TANK's AT THIS SITE: 1

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY)	
DAYS: NAME (LAST, FIRST): JOHN MILSTEAD	PHONE # WITH AREA CODE: 818 969 7951	DAYS: NAME (LAST, FIRST): RUDY	PHONE # WITH AREA CODE: 714-875-5180
NIGHTS: NAME (LAST, FIRST): JIM RAYSOR	PHONE # WITH AREA CODE: 818-969 7951	NIGHTS: NAME (LAST, FIRST): JOHN DI BIASE	PHONE # WITH AREA CODE: 818 969 7951

II. PROPERTY OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME: INDUSTRIAL ASPHALT		CARE OF ADDRESS INFORMATION: 6623 CALLE EVA MIRANDA	
MAILING or STREET ADDRESS: 6623 CALLE EVA MIRANDA		☑ Box to indicate ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY	
CITY NAME: AZUSA CA. 91702	STATE: CA	ZIP CODE: 91702	PHONE #, WITH AREA CODE: 818-969 7951

III. TANK OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME: INDUSTRIAL ASPHALT		CARE OF ADDRESS INFORMATION: INDUSTRIAL ASPHALT	
MAILING or STREET ADDRESS: 6623 CALLE EVA MIRANDA		☑ Box to indicate ☑ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ LOCAL-AGENCY ☐ COUNTY-AGENCY ☐ STATE-AGENCY ☐ FEDERAL-AGENCY	
CITY NAME: AZUSA	STATE: CA	ZIP CODE: 91702	PHONE #, WITH AREA CODE: 818 969 7951

IV. LEGAL NOTIFICATION AND BILLING ADDRESS

CHECK ONE (1) BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR BOTH LEGAL NOTIFICATION AND BILLING: I. ☐ II. ☑ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
Monte Munn Monte Munn	3-22-90

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	# of TANKS at SITE
36	999	001		

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE
86009111		

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

LOCATION CODE	CENSUS TRACT #	SUPERVISOR-DISTRICT CODE	BUSINESS PLAN FILED YES ☐ NO ☐	DATE FILED

CHECK #	PERMIT AMOUNT	SURCHARGE AMOUNT	FEE CODE	RECEIPT #	BY:

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE TANK PERMIT FORM 'B' APPLICATION(S), UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

FORM A (3-2-88)

FILE COPY

STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

FORM 'B':

TANK

UNDERGROUND STORAGE TANK PROGRAM
TANK PERMIT APPLICATION INFORMATION

COMPLETE A SEPARATE FORM WITH THE FOLLOWING INFORMATION FOR EACH TANK.

No. 68954

MARK ONLY ONE ITEM

- ☐ 1 NEW PERMIT
- ☐ 2 INTERIM PERMIT
- ☐ 3 RENEWAL PERMIT
- ☐ 4 AMENDED PERMIT
- ☐ 5 CHANGE OF INFORMATION
- ☐ 6 TEMPORARY TANK CLOSURE
- ☑ 7 PERMANENTLY CLOSED TANK
- ☐ 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: INDUSTRIAL ASPHALT — **FARM TANK - YES** ☐ **NO** ☒

I. TANK DESCRIPTION — COMPLETE ALL ITEMS - IF UNKNOWN — SO SPECIFY

A. OWNERS TANK ID # UNKNOWN	B. MANUFACTURED BY: UNKNOWN
C. YEAR INSTALLED 1965	D. TANK CAPACITY IN GALLONS: 12000

II. TANK CONTENTS — IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A.
- ☑ 1 MOTOR VEHICLE FUEL
- ☐ 2 PETROLEUM
- ☐ 3 CHEMICAL PRODUCT
- ☐ 4 OIL
- ☐ 5 HAZARDOUS
- ☐ 80 EMPTY
- ☐ 95 UNKNOWN

B.
- ☑ 1 PRODUCT
- ☐ 2 WASTE

C.
- ☐ 1 UNLEADED
- ☐ 2 LEADED
- ☒ 3 DIESEL
- ☐ 4 GASAHOL
- ☐ 5 JET FUEL
- ☐ 6 AVIATION GAS
- ☐ 7 METHANOL
- ☐ 99 OTHER (DESCRIBE IN ITEM D, BELOW)

D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. # — C.A.S. #:

III. TANK CONSTRUCTION — MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM
- ☐ 1 DOUBLE WALLED
- ☑ 2 SINGLE WALLED
- ☐ 3 SINGLE WALLED WITH EXTERIOR LINER
- ☐ 4 SECONDARY CONTAINMENT
- ☐ 95 UNKNOWN
- ☐ 99 OTHER

B. TANK MATERIAL
- ☑ 1 STEEL/IRON
- ☐ 2 STAINLESS STEEL
- ☐ 3 FIBERGLASS
- ☐ 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
- ☐ 5 CONCRETE
- ☐ 6 POLYVINYL CHLORIDE
- ☐ 7 ALUMINUM
- ☐ 8 100% METHANOL COMPATIBLE FRP
- ☐ 9 BRONZE
- ☐ 10 GALVANIZED STEEL
- ☐ 95 UNKNOWN
- ☐ 99 OTHER

C. INTERIOR LINING
- ☐ 1 RUBBER LINED
- ☐ 2 ALKYD LINING
- ☐ 3 EPOXY LINING
- ☐ 4 PHENOLIC LINING
- ☐ 5 GLASS LINING
- ☒ 6 UNLINED
- ☑ 95 UNKNOWN
- ☐ IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? ☐ YES ☐ NO
- ☐ 99 OTHER

D. CORROSION PROTECTION
- ☐ 1 POLYETHLENE WRAP
- ☐ 2 TAR OR ASPHALT
- ☐ 3 VINYL WRAP
- ☐ 4 FIBERGLASS REINFORCED PLASTIC
- ☐ 5 CATHODIC PROTECTION
- ☐ 91 NONE
- ☑ 95 UNKNOWN
- ☐ 99 OTHER

IV. PIPING INFORMATION — CIRCLE **A** IF ABOVE GROUND, **U** IF UNDERGROUND, **BOTH IF APPLICABLE**

A. SYSTEM TYPE	A (U) 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 91 NONE	A U 95 UNKNOWN	A U 99 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALLED	A U 2 DOUBLE WALLED	A U 3 LINED TRENCH	A U 91 NONE	A U 95 UNKNOWN	A U 99 OTHER
C. MATERIAL	(A U) 1 STEEL/IRON	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE	A U 91 NONE	
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL CLAD W/FRP	A U 8 100% METHANOL COMPATIBLE FRP		
	A U 9 GALVANIZED STEEL	A U 95 UNKNOWN	A U 99 OTHER			

V. LEAK DETECTION SYSTEM — CIRCLE **P** FOR PRIMARY, OR **S** FOR SECONDARY, **A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.**

(P S) 1 VISUAL CHECK — P S 2 INVENTORY RECONCILIATION — P S 3 VADOSE WELLS — P S 4 ELECTRONIC MONITOR — P S 5 GROUND WATER MONITORING WELLS
P S 6 PRECISION TESTING — P S 7 PRESSURE TESTING — P S 91 NONE — P S 95 UNKNOWN — P S 99 OTHER

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN	3. WAS TANK FILLED WITH INERT MATERIAL?
2-15-90	0 GALLONS	☐ YES ☒ NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
MONTE NEUMANN Monte Neumann	3-22-90

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	TANK ID #
36	9999	001		

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE
86009111		

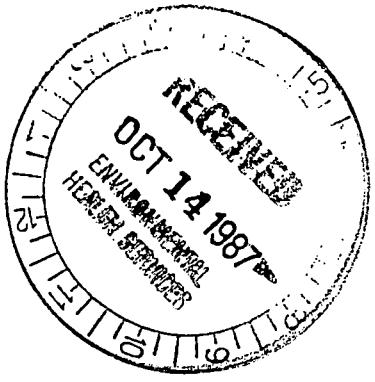
PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

CHECK #	PERMIT AMOUNT	SURCHARGE AMT.	FEE CODE	RECEIPT #	BY:

FORM B (6-29-88) **THIS FORM MUST BE ACCOMPANIED BY A FACILITY/SITE APPLICATION, FORM 'A', UNLESS A CURRENT FORM 'A' HAS BEEN FILED**

FILE COPY

INDUSTRIAL ASPHALT



October 13, 1987

County of San Bernardino
Environmental Health Services
385 N. Arrowhead Ave.
San Bernardino, CA 92415-0160

Attn: Steve Van Stockum

REF: Invoices for Underground Asphalt Tanks

Dear Mr. Van Stockum:

I have returned five invoices for Asphalt Underground Storage Tanks at our facilities in San Bernardino County.

Liquid Asphalt, which is stored in the underground tanks, is not a hazardous substance and is not regulated by the State of California or the Federal Government.

This is true

Please call me at (818) 969-7951 if further information is required.

Very truly yours,

Dwight Beavers
Vice President - Technical

DB/co

10/15

Copy this letter for each facility - an inspector will still need to go out and verify this is what they've got in the tanks.

SVS

6623 Calle Eva Miranda, Irwindale, CA 91706 Mailing Address: P.O. Box 2263, Irwindale, CA 91706 [818] 969-7951

COUNTY OF SAN BERNARDINO, CALIFORNIA
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
I N V O I C E

PAGE 1
BILL DATE 10/06/87
HEALTH PERMIT EXPIRATION DATE 04/30/88

*** REMIT COPY ***

ESTABLISHMENT NBR 86009111

INDUSTRIAL ASPHALT
DBA: INDUSTRIAL ASPHALT
P O BOX 2263
IRWINDALE, CA 91706

INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

PERMIT NBR	CATEGORY	DESCRIPTION	BILL CODE	AMOUNT
860 001	222800	UNDERGROUND STORAGE TANKS	101	275.00
		PERMIT TOTAL		275.00
8702261072	222806	STATE FEE	105	280.00
		PERMIT TOTAL		280.00
		TOTAL DUE		555.00

ALL FEES ARE NOW DUE AND PAYABLE. FAILURE TO PAY WITHIN 30 DAYS AFTER THE EXPIRATION DATE OF YOUR CURRENT PERMIT WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. DO NOT SEPARATE THESE FORMS. REVIEW, UPDATE, AND SIGN THE ATTACHED RENEWAL APPLICATION(S). RETURN REMIT COPY OF THE INVOICE

REMITTANCE TO: ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA. 92415-0160

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

IF HAVE QUESTIONS CONCERNING YOUR BILLING PLEASE CALL:

FOOD ESTABLISHMENT PERMITS -- 387-4637
SWIMMING POOL PERMITS -- 387-4637
MILK & DAIRY ESTABLISHMENTS -- 387-4608
HAZARDOUS OR INFECTIOUS
WASTE GENERATORS -- 387-4629
UNDERGROUND STORAGE
TANK PERMITS -- 387-4629
HAZARDOUS MATERIAL HANDLER
PERMITS -- 387-3080
MOBILEHOME PARK PERMITS -- 387-4670
MOTEL, CAMP, MASSAGE PARLOR PERMITS -- 387-4670
HOME OCCUPATION PERMITS -- 387-4670
TEMPORARY OFFICES/SIGNS -- 387-4670
REFUSE HAULERS -- 387-4655
REFUSE DISPOSAL SITES -- 387-4655
DESIGNATED MAINTENANCE AREA -- 387-4655
WATER SYSTEMS -- 387-4666
WELL DRILLERS -- 387-4666

RENEWAL APPLICATION FOR HEALTH PERMIT INSPECTION AND HEALTH SERVICES

SAN BERNARDINO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. ARROWHEAD AVE., SAN BERNARDINO, CA. 92415-0160

PLEASE REVIEW THE FOLLOWING INFORMATION CAREFULLY. MAKE CORRECTIONS DIRECTLY ON THE FORM BY CROSSING OUT THE PRE-PRINTED INFORMATION AND ADDING THE CHANGES. *** PLEASE PRINT. ***

ESTABLISHMENT INFO INDUSTRIAL ASPHALT
2340 W HIGHLAND AV
SAN BERNARDINO, CA 92410

< > CHECK HERE IF APPLICANT IS SAME AS LEGAL OWNER

APPLICANT INFO INDUSTRIAL ASPHALT
(818) 969-7951 P O BOX 2263
IRWINDALE, CA 91706

LEGAL OWNER INFO INDUSTRIAL ASPHALT
(81 69-7951 P O BOX 2263
IRWINDALE, CA 91706

IS THIS A TRANSFER? _____

IF YES: FORMER ESTABLISHMENT NAME _____

FORMER OWNER _____

IMPORTANT: ALL CORRESPONDENCE SHOULD BE SENT TO: ___ESTABLISHMENT ADDRESS ___LEGAL OWNER ___APPLICANT

NUMBER OF UNDERGROUND STORAGE TANKS: 006

EMERGENCY CONTACT:	POSITION:	WORK PHONE:	24-HR PHONE:

OFFICE USE ONLY
EST NBR 86009111
PERMIT NBR 8603040001
FORMER EST NBR _____
PERMIT CATEGORY 222800
EXPIR DATE 04/30/88
NEW, TRANS, RENEW R
LOC CODE 64
SANI DIST 2200
MFR NBR
APN
PERMIT FEE _____
STATE FEE _____
DELINQUENT FEE _____
TOTAL FEE REC'D _____

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

I HEREBY MAKE APPLICATION FOR HEALTH SERVICES AND PERMIT TO ESTABLISH AND/OR OPERATE THE ABOVE MENTIONED BUSINESS, USE, OR SERVICE IN ACCORDANCE WITH THE LAWS, ORDINANCES, AND REGULATIONS THAT ARE NOW OR MAY HEREINAFTER BE IN FORCE BY THE UNITED STATES GOVERNMENT, THE STATE OF CALIFORNIA, AND THE COUNTY OF SAN BERNARDINO PERTAINING TO THE ABOVE MENTIONED BUSINESS. I HEREBY CONSENT TO ALL NECESSARY INSPECTIONS INCIDENT TO THE ISSUANCE OF THIS PERMIT AND THE OPERATION OF THE BUSINESS.

SIGNED _____ DATED _____ TITLE _____

NOTICE: ALL FEES ARE DUE AND PAYABLE WITHIN 30 DAYS. FAILURE TO PAY WILL RESULT IN THE ASSESSMENT OF A DELINQUENT FEE. APPLICATION AND FEE MUST BE SUBMITTED PRIOR TO OPERATION BY ANY NEW OWNER, OR A DELINQUENT FEE WILL BE CHARGED.

Cover letter

INDUSTRIAL ASPHALT

May 13, 1986

County of San Bernardino
Environmental Health Services
385 North Arrowhead Ave.
San Bernardino, CA 092415-0160

Attn: Jim Smith

Re: Request for 30 day extension to file Monitoring Proposals.

Gentlemen,

We have five locations in San Bernardino County at which we have underground storage of diesel fuel. These locations are:

Upland Loc. 51
19th & Campus
Upland, CA 91786

Colton Loc. 04
265 E. Santa Ana
Rialto, CA 92376

San Bernardino Loc. 19
2340 W. Highland Ave.
San Bernardino, CA 91406

Claremont Loc. 02
4711 Huntington Dr.
Montclair, CA 91711

Oro Grande Loc. 06
National Trails Highway
Oro Grande, CA 92368

I was unaware of the May 31, 1986 deadline on the submission of Monitoring Proposals until I had an occasion to talk to someone in your department relative to a permit.

I am requesting an extension of deadline time to July 1, 1986.

Sincerely,

Milton F. Masters

Milton F. Masters, P.E.
Vice President-Technical

MFM:kt

cc: Dwight Beavers

6623 Calle Eva Miranda, Irwindale, CA 91706 Mailing Address: P.O. Box 2263, Irwindale, CA 91706 [818] 969-7951


RECEIVED
JUN 19 1986
ENVIRONMENTAL
HEALTH SERVICES

INDUSTRIAL ASPHALT

P.O. Box 2263
Irwindale, CA 91706

AZUSA JUN 13'86 CALIF.
U.S. POSTAGE .22
2712961

County of San Bernardino
Environmental Health Services
385 North Arrowhead Ave.
San Bernardino, CA 09241-0160

RECEIVED
JUN 19 1986
ENVIRONMENTAL HEALTH SERVICES

H01-6-18-86

INDUSTRIAL ASPHALT

June 17, 1986

Environmental Health Services
385 N. Arrowhead Ave.
San Bernardino, CA 92415-0160

Re: Monitoring Proposal
San Bernardino Loc. 19
2340 W. Highland Ave.
San Bernardino, CA 92406

Gentlemen:

We propose Alternative #9 which will include the following:

1. Tank Precision Test
2. Inventory control by weekly gauging
3. Maintain record of gauging for one year

This proposal is based on the following facts.

The only purpose of this tank is to provide equipment and storage for an alternative fuel in case our natural gas source is curtailed. We are required by contract with the Utility Company to provide this equipment.

Based on past experience, we see no reason to maintain an alternative fuel in this equipment. After the tank has been tested, we plan to utilize this fuel as burner fuel and the tank will only contain a relatively small amount of fuel which will be the amount remaining below the pump suction line.

16600 Sherman Way, Suite 200, Van Nuys, CA. Mailing Address: P.O. Box 7607, Van Nuys, CA 91409-7607. (818) 781-6080.

I was unaware of the May 31, 1986 deadline for filing this Monitoring Proposal until I was so advised when I contacted your office on another matter.

This filing date was subsequently extended to July 1, 1986.

Sincerely,

INDUSTRIAL ASPHALT

M. F. Masters

Milton F. Masters, P.E.
Vice President-Technical

MFM:et

cc: Dwight Beavers
Jim Raysor

INDUSTRIAL ASPHALT

P.O. Box 7607,
Van Nuys, CA 91409-7607

VAN NUYS
JUN 17 '86
CALIF

US POSTAGE
= 0.22
F METER
8200151

Environmental Health Services
385 N. Arrowhead Ave.
San Bernardino, CA 92415-0160

RECEIVED
JUN 18 1986
ENVIRONMENTAL
HEALTH SERVICES

Conn Miller

INDUSTRIAL ASPHALT

May 13, 1986

County of San Bernardino
Environmental Health Services
385 North Arrowhead Ave.
San Bernardino, CA 092415-0160

Attn: Jim Smith

Re: Request for 30 day extension to file Monitoring Proposals.

Gentlemen,

We have five locations in San Bernardino County at which we have underground storage of diesel fuel. These locations are:

✓ Upland Loc. 51
19th & Campus
Upland, CA 91786

✓ Colton Loc. 04
265 E. Santa Ana
Rialto, CA 92376

San Bernardino Loc. 19
2340 W. Highland Ave.
San Bernardino, CA 91406

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4711 Huntington Dr.
Montclair, CA 91711

Oro Grande Loc. 06
National Trails Highway
Oro Grande, CA 92368

I was unaware of the May 31, 1986 deadline on the submission of Monitoring Proposals until I had an occasion to talk to someone in your department relative to a permit.

I am requesting an extension of deadline time to July 1, 1986.

Sincerely,

Milton F. Masters

Milton F. Masters, P.E.
Vice President-Technical

MFM:kt

cc: Dwight Beavers

6623 Calle Eva Miranda, Irwindale, CA 91706 Mailing Address: P.O. Box 2263, Irwindale, CA 91706 [818] 969-7951

INDUSTRIAL ASPHALT

March 26, 1986

Department of Environmental Health Services
Hazardous Waste & Toxics Control
385 N. Arrowhead Ave.
San Bernardino, CA 92415-0160

Re: San Bernardino Loc. 19
2340 W. Highland Ave.
San Bernardino, CA 92406

Gentlemen,

Enclosed is our completed application for renewal of our Operating Permit for an underground storage tank at the above referenced location.

Also enclosed is our check in the amount of $117.20.

Sincerely,

INDUSTRIAL ASPHALT

Milton F Masters

Milton F. Masters, P.E.
Vice President-Technical

MFM:kt

Encl.

cc: Jim Raysor

6623 Calle Eva Miranda, Irwindale, CA 91706 Mailing Address: P.O. Box 2263, Irwindale, CA 91706 [818] 969-7951

UGST PERMIT(S) CANNOT PROCESSED WITHOUT A COMPLE APPLICATION

FOR EACH TANK.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

Department of Environmental Health Services
Hazardous Waste & Toxics Control
385 N. Arrowhead Avenue
San Bernardino, CA 92415-0160

STATE ID NUMBER

APPLICATION FOR PERMIT TO OPERATE UNDERGROUND STORAGE TANK

( ) 01 NEW PERMIT (X) 05 RENEWED PERMIT ( ) 07 TANK CLOSED ( ) 09 DELETE FROM FILE (NO FEE)
( ) 02 CONDITIONAL PERMIT ( ) 06 AMENDED PERMIT ( ) 08 MINOR CHANGE (NO SURCHARGE)

I OWNER

NAME(CORPORATION,INDIVIDUAL OR PUBLIC AGENCY)	PUBLIC AGENCY ONLY		
INDUSTRIAL ASPHALT	( ) 01 FED ( ) 02 STATE ( ) 03 LOCAL		
STREET ADDRESS P.O. BOX 2263	CITY IRWINDALE	STATE CA.	ZIP 91706

II FACILITY

FACILITY NAME	DEALER/FOREMAN/SUPERVISOR		
INDUSTRIAL ASPHALT			
STREET ADDRESS 2340 NO. HIGHLAND	NEAREST CROSS STREET		
CITY SAN BERNARDINO	COUNTY SB		ZIP 92410
MAILING ADDRESS SAME	CITY SAN BERNARDINO	STATE CA	ZIP 92410
PHONE W/AREA CODE (714) 875-5180	TYPE OF BUSINESS ( ) 01 GASOLINE STATION (X) 02 OTHER		
NUMBER OF CONTAINERS 1	RURAL AREAS ONLY : TOWNSHIP	RANGE	SECTION

III 24 HOUR EMERGENCY CONTACT PERSON

DAYS: NAME(LAST NAME FIRST) AND PHONE W/AREA CODE	NIGHTS: NAME(LAST NAME FIRST) AND PHONE W/AREA CODE
RAYSOR JIM (714) 875-5180	RAYSOR JIM (714) 875-5940

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV DESCRIPTION

A. (X) 01 TANK ( ) 04 OTHER: — CONTAINER NUMBER 1

B. MANUFACTURER (IF APPROPRIATE): — YEAR MFG: — C. YEAR INSTALLED (X) UNKNOWN

D. CONTAINER CAPACITY: 10,000 GALLONS ( ) UNKNOWN — E. DOES THE CONTAINER STORE: ( ) 01 WASTE (X) 02 PRODUCT

F. DOES THE CONTAINER STORE MOTOR VEHICLE FUEL OR WASTE OIL ? (X) 01 YES ( ) 02 NO IF YES CHECK APPROPRIATE BOX(ES):
( ) 01 UNLEADED ( ) 02 REGULAR ( ) 03 PREMIUM (X) 04 DIESEL ( ) 05 WASTE OIL ( ) 06 OTHER

V CONTAINER CONSTRUCTION

A. THICKNESS OF PRIMARY CONTAINMENT: ( ) GAUGE ( ) INCHES ( ) CM (X) UNKNOWN

B. ( ) 01 VAULTED (LOCATED IN AN UNDERGROUND VAULT) (X) 02 NON-VAULTED ( ) 03 UNKNOWN

C. ( ) 01 DOUBLE WALLED (X) 02 SINGLE WALLED ( ) 03 LINED

D. (X) 01 CARBON STEEL ( ) 02 STAINLESS STEEL ( ) 03 FIBERGLASS ( ) 04 POLYVINYL CHLORIDE ( ) 05 CONCRETE
( ) 06 ALUMINUM ( ) 07 STEEL CLAD ( ) 08 BRONZE ( ) 09 COMPOSITE ( ) 10 NON-METALLIC
( ) 12 UNKNOWN ( ) 13 OTHER:

STATE ID NUMBER

CONTAINER CONSTRUCTION

E. ( ) 01 RUBBER LINED ( ) 02 ALKYD LINING ( ) 03 EPOXY LINING ( ) 04 PHENOLIC LINING ( ) 05 GLASS LINING
(X) 07 UNLINED ( ) 08 UNKNOWN ( ) 09 OTHER:

F. ( ) 01 POLYETHLENE WRAP ( ) 02 VINYL WRAPPING ( ) 03 CATHODIC PROTECTION ( ) 04 UNKNOWN (X) 05 NONE
( ) 06 TAR OR ASPHALT ( ) 09 OTHER:

VI PIPING

A. ABOVEGROUND PIPING: ( ) 01 DOUBLE-WALLED PIPE ( ) 02 CONCRETE-LINED TRENCH ( ) 03 GRAVITY
(CHECK APPROPRIATE BOX(ES) (X) 04 PRESSURE ( ) 05 SUCTION ( ) 06 UNKNOWN ( ) 07 NONE

B. UNDERGROUND PIPING: ( ) 01 DOUBLE-WALLED PIPE ( ) 02 CONCRETE-LINED TRENCH ( ) 03 GRAVITY
(CHECK APPROPRIATE BOX(ES) ( ) 04 PRESSURE ( ) 05 SUCTION ( ) 06 UNKNOWN (X) 07 NONE

VII LEAK DETECTION

( ) 01 VISUAL (X) 02 STOCK INVENTORY ( ) 04 VAPOR SNIFF WELLS ( ) 05 SENSOR INSTRUMENT
( ) 06 GROUND WATER MONITORING WELLS ( ) 07 PRESSURE TEST ( ) 09 NONE ( ) 10 OTHER:

VIII CHEMICAL COMPOSITION OF MATERIALS STORED IN UNDERGROUND CONTAINERS

IF YOU CHECKED YES TO IV-F YOU ARE NOT REQUIRED TO COMPLETE THIS SECTION

CURRENTLY STORED	PREVIOUSLY STORED	DELETE	CASE (IF KNOWN)	CHEMICAL (DO NOT USE COMMERCIAL NAME)
( ) 01	( ) 02	( ) 03		NONE
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		

IS CONTAINER LOCATED ON AN AGRICULTURAL FARM? ( ) 01 YES (X) 02 NO

THIS FORM HAS BEEN COMPLETED UNDER THE PENALTY OF PERJURY AND, TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

PERSON FILING (SIGNATURE)	PHONE W/AREA CODE
Milton F. Masters	(818) 969-7951

FOR LOCAL AGENCY USE ONLY

ADMINISTRATING AGENCY	CITY CODE	COUNTY CODE

CONTACT PERSON	PHONE W/AREA CODE

DATE OF LAST INSPECTION	IN COMPLIANCE ( ) 01 YES ( ) 02 NO	PERMIT APPROVAL DATE	TRANSACTION DATE	LOCAL PERMIT ID #

HAZARDOUS WASTE & TOXICS CONTROL SECTION
APBS DATA INPUT

FACE SHEET

ACTION CODE: I Esta. # 860009111 Permit # 860304000 1

ESTABLISHMENT INFO (00)

Bill to: O Location # 64 Esta. Date _____

ADDRESSING INFO (99):

E
NAME: Industrial Asphalt
ST. # 2340 FRAC: _____ DIR: W ST. NAME: HIGHLAND
ST. DESIG. Ave APT/SP _____
CITY San Bernardino STATE Ca ZIP 92410 PH (___) ___ - _____

A
NAME: _____
ST. # _____ FRAC: _____ DIR: _____ ST. NAME: _____
ST. DESIG. _____ APT/SP _____
CITY _____ STATE _____ ZIP _____ PH (___) ___ - _____

O
NAME: INDUSTRIAL ASPHALT
ST. # _____ FRAC: _____ DIR: _____ ST. NAME: P.O. Box 2263
ST. DESIG. _____ APT/SP _____
CITY IRWINDALE STATE Ca ZIP 91706 PH (818) 969 - 7951

PERMIT INFO (01):

Category: 222800 Exp. Date 4/30/86 San Dist Area: 22 San Dist. Emp: 00

Renewal Code: R

PROGRAM INFO:

# of Tank(s) 1

Date Entered : MAR 4 1986

Control # 100080

By (Initial): KP

COMMENTS/REMARKS:

1853 County of San Bernardino

INVOICE

DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
Underground Hazardous Substance Storage Program

Please make any deletions, additions, or corrections necessary. Return this invoice with the appropriate fee to: Department of Environmental Health Services, Hazardous Waste and Toxics Control Section, 385 North Arrowhead Ave., San Bernardino, CA 92415-0160. You may retain the yellow copy for your files. If you have any questions, please call 714-383-1856.

Industrial Asphalt
~~2340 W. Highland~~ P.O. Box 2263
~~San Bernardino, CA 92410~~
IRWIN DALE CAL 91706

Due Date:

March 28, 1985
(pay within 30 days to avoid 50% penalty)

You are being billed for the following facilities:

Street Address	# of Tanks	Fee
2340 W. Highland, San Bernardino	1	$95.00
	Total:	$95.00

I declare under penalty of perjury, the information provided herein is true and correct to the best of my knowledge.

M.F. Masters 3/18/85
Signature Date

M. F. MASTERS
Name (Printed)

VICE-PRES TECHNICAL (818) 969-7951
Title Phone #

OFFICE USE ONLY

DATE 3-19-85
AMOUNT 95.00
RECEIPT NO. 648
BY: CSS

PAID

2340 W. Highland, San Bernardino

Owner: Industrial Asphalt, SAA

Invoice Mailed 3/14 Exp. 3/28 $ Due $95

30-Day Notice _____ Exp. _____ $ Due _____
(includes 50% penalty

24-Hr Notice _____ Exp. _____ CollDept _____

Comments _____

PAID $ 95.00 DATE 3/19 BY CSA

TELEPHONE CONVERSATION DOCUMENTATION SHEET
Generator Program
COUNTY OF SAN BERNARDINO

COMPANY NAME: Petroleum Facilities Construction
CITY: Anaheim
PERSON CONTACTED: Jean Merse (714) 630-1672
POSITION:

DISCUSSION:

Re: Final Inspection UGST at Cal Mat
2400 W. Highland

She was not aware of need for lockable monitoring caps. She will have Allen style bolts installed on 2 UGST's at Cal Mat. She will call for ~~E~~ inspection when it is complete

Marilyn Kraft, 3/17/88
INSPECTOR DATE

County of San Bernardino — Environmental Public Works Agency
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
HAZARDOUS WASTE SECTION

SUPPLEMENTAL GENERATOR INSPECTION REPORT

TIME: 2:10

INSPECTOR: Marilyn Kraft

FACILITY NAME: Cal Mat Co

FACILITY LOCATION: 2400 W Highland Ave CAD981568579 (EPA ID#)

Facility produces crushed rock, sand, and cement products.

Facility is permitted as a hazardous waste generator.
Is working on business plan with Claudia Lynn Clark.

Hazardous wastes include:
Waste oil - taken by Aztec
Safety Kleen machine - serviced by Safety Kleen
Waste cement - currently dumped in pit

Facility has 2 UGST - 1 Diesel 20,000 gal and 1 3-compartment tank w/ Waste Oil, Product Oil, and Gasoline

Leak Alert LA-04 System is hooked up and appears operational. Alarm button was off on arrival but the system appears to be OK.
* Alarm switch ~~should~~ must be kept on at all times.
* Monitoring points need to be lockable.
Will reinspect in 60 days or when called
Given 2 Tank Permit Applications - Please fill out and return.

Received by Jay Pukkanella Marilyn Kraft, Inspector 2/3/88 Date

15-17189-631

CalMat

CONCRETE AND AGGREGATES
DIVISION

Raliegh Tougas
Superintendent

JAY H. LUKKARILA
PRODUCTION SUPERVISOR
SAN BERNARDINO DISTRICT

2400 WEST HIGHLAND AVENUE
SAN BERNARDINO, CA 92405
(714) 875-1150

Ext 7717

CORPORATE OFFICES
(213) 258-2777

No 579

County of San Bernardino
DEPARTMENT OF ENVIRONMENTAL HEALTH SERVICES
385 N. Arrowhead Ave., San Bernardino, CA 92415 • (714) 387-4629

JOB CARD

CONSTRUCTION AND/OR ABANDONMENT OF UNDERGROUND STORAGE FACILITY

POST THIS CARD AT JOB SITE

Site Address: 2400 West Highland Avenue, San Bernardino
Cal-Mat Co. 012887-01
Contractor: Petroleum Facilities Construction Co.
Address/Phone #: 3006 East Coronado St. Anaheim 714/630-1672

	Inspection Record	Approved By	Date
Inspection	Excavation Clean, Approved Slope	DRUCH	3-10-87
	Liner in Place, Tight Seams	NA	
	Bedding Materials/Depth	"	
	Holiday Test, Tanks Set	"	
	Additional Requirements: None	DRUCH	3-10-87
	Do Not Backfill Until Above Approved		
Inspection	Tank Air Test 5 PSI/30 Minutes	HJS	3-30-87
	Product Lines 75 PSI/30 Minutes		
	Leak Detectors Installed		
	Product line Containment		
	Metal Piping Wrapped		
	Additional Requirements:		
	Approved Fill Boxes	M Kraft	2/3/88
	Concrete or AC Paving 12" Beyond Excavation	M Kraft	2/3/88
	Leak Detectors Tested, Monitors Installed *	M Kraft	2/3/88
	Lockable Fluid-Tight Access for Monitoring Points *	M Kraft	2/3/88
	Operating Permit Applied for: Have permit for 2 tanks		
	Additional Requirements: (Will send updated Tank Permit App)		
	Do Not Place In-Service Until Approved		
	Tank Removed (5)	DRUCH	2-17-87
	Soil Samples Taken By: Leighton + Assoc		
	Test Boring By:	NA	
	Additional Test Requirements: excavate west hole		
	Final — Approved for Backfill	DRUCH 2-17-87	

Additional Requirements by ~~Local Fire Authority~~: excavate west hole

Final Approved by Local Fire Authority:
Name: Title: Date:

FAILURE TO PROTECT AND MAINTAIN THIS CARD MAY RESULT IN JOB DELAY
PRESERVE THIS RECORD OF INSPECTIONS.

FOR INSPECTION CALL 48 HOURS IN ADVANCE AT (714) 387-4629

* Alarm was switched off but monitor appears operational

* Instructed to make lockable

867-631

Please Print

Submit to:
San Bernardino County Department of Environmental Health Services
385 North Arrowhead, San Bernardino, CA 92415

UNDERGROUND TANK INSTALLATION APPLICATION

Fee:
$210.00 First Tank
$ 55.00 Each Additional Tank

DATE: 1/28/87

Job Location

CAL-MAT CO. / RAWLEIGH TOREGAS — 1-714-875-1150
Facility Name or Contact Person — Phone #

2400 WEST HIGHLAND AVENUE
Situs Address

SAN BERNARDINO. CA.
City — State — Zip Code

Contractor

PETROLEUM FACILITIES CONST. CO. — 1-714-630-1672
Name — Phone #

3006 EAST CORONADO STREET
Mailing Address

ANAHEIM — CA. — 92806
City — State — Zip Code

Owner

CAL-MAT
Name — Phone #

2400 WEST HIGHLAND AVE.
Mailing Address

SAN BERNARDINO — CA.
City — State — Zip Code

Tank Data

Construction	Size	Contents	U.L. Number
D/W DOOR PLASTEEL	20,000	DIESEL	
D/W DOOR PLASTEEL	20,000	SPLIT / 12000 GAS / 4500 BULK OIL / 3500 WASTE OIL	

Workman's Comp. Carrier & Policy #: STATE FUND

Fire Agency:

Water & Sewer Agency:

Owner's Representative: FRANK PETRONZIO 1-213 258-2777

Jon M. Merz
Signature

1/28/87
Date

OFFICE USE ONLY

AMOUNT: $ 265.00
CHECK #: 2184
DATE PAID: 1-28-87
TAKEN BY: Ub
Log #: 012887-01

Fire Ag y: _____

Submit to:
San Bernardino County Department of Environmental Health Services
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160

APPLICATION FOR REMOVAL OF UNDERGROUND STORAGE TANK

FEE:
$ _____ First Tank
$ _____ Each Additional Tank
_____

DATE: 1/28/87

JOB LOCATION 1-714

CAL-MAT CO. / RAWLEIGH TOREGAS 875-1150
Facility Name or Contact Person — Phone #

2400 WEST HIGHLAND AVENUE
Situs Address

SAN BERNARDINO — CALIF. —
City — State — Zip Code

CONTRACTOR

PETROLEUM FACILITIES CONST. CO. 714 630-1672
Name — Phone #

3006 EAST CORONADO STREET
Mailing Address

ANAHEIM — CALIF. — 92806
City — State — Zip Code

OWNER

CAL-MAT CO. 714 875-1150
Name — Phone #

2400 WEST HIGHLAND AVENUE
Mailing Address

SAN BERNARDINO — CA. —
City — State — Zip Code

Tank Data

Construction	Size	Contents	U.L. Number
STEEL	2000	WASTE OIL	
"	7500	BULK OIL	
"	10000	GAS	
"	10000	~~DIESEL~~	

Workman's Comp. Carrier & Policy #: STATE FUND

Water Sewer Agency: _____

NOTE: The State of California has determined that tanks used for the storage of any hazardous or flammable substance shall be considered hazardous even if all contents have been removed.

All storage tanks shall be hauled as hazardous waste, accompanied by a state hazardous waste manifest, and taken to a licensed treatment, storage and disposal facility (TSDF); or if the tanks are triple rinsed on site and the rinsate manifested and hauled to a licensed TSDF, the tank may be handled as non-hazardous.

For information on licensed TSDF's that can accept non-rinsed tanks contact the State of California Department of Health Services, Toxic Substance Control at (213)620-2380.

Dan M. Merz
Signature

1/28/87
Date

OFFICE USE ONLY

Date: 1-28-87
Amount: current permit
Check #: 2184 (for installation)
Received By: ub
LOG NO. 012887-01

Cal Mat
2400 W Highland Ave., SB

Gar plasteel tanks - Holiday test *
Removal - 4 tanks *
Red jacket pumps - pressure *
Metal piper - wrap *
Ponca fill box

Why should you buy a ConVault va ed tank?

Read what current users of our tanks are saying:

"Our district has installed a ConVault system and will no longer require expensive monitoring and testing requirements associated with underground tanks. Our goal is to save $1,500 to $2,000 per year of transportation income... Our system is attractive and functional and meets all state and local code requirements..."

Harold H. Thompson
Superintendent
Livingston Union School District

"The Denair Fire Department was in need of a single fuel storage tank which could dispense both gasoline and diesel fuels. Our needs were met by ConVault. Their unique design provided the convenient dispensing of both types of fuels from a single unit..."

Duane Larson
Chief
Denair Volunteer Fire Department

"I am pleased to write you a letter of appreciation for the completed above-ground storage tank project. Mrs. Lena Greene, the District Transportation Supervisor, reports that everything is functioning well and the final goal of non-pollution and proper monitoring has been reached..."

Wayne E. Kidwell, Ph.D.
Superintendent
Denair Unified School District

ABOVE THE REST

The ConVault concrete and steel tank can be customized to fit many needs. The Vaulted tanks are complete units that can be set in place, ready for use.

For more information regarding the ConVault vaulted above-ground tank, call or write your local distributor or dealer at:

Or call:

CONVAULT

4200 Lester Road • Denair, CA 95316
(209) 1-800-222-7099 (Toll Free - Within California)
(209) 632-7571 (Outside California)

CONVAULT

Vaulted (above-ground) Tanks

Practical Products for a Sensitive Environment

UNDERSTANDING TODAY'S ENVIRONMENTAL CONCERNS

ConVault's vaulted above-ground tanks are an innovation for the storage tank users and potential users of fuels, waste oils and flammable liquids. These tanks were designed to meet the growing need for an alternative to the underground tank.

For some time, most of the governing bodies within the cities and counties of California required that tanks used for storing gasoline or any other hazardous pollutants be buried underground.

Recently, the State of California passed legislation requiring all underground tanks to be registered with the state. More importantly, underground tanks must be monitored for leakage or dug up and replaced with double-walled tanks. Both methods are costly!

WHY THE CONCERN?

Any time steel tanks are placed underground, they have the potential to rust and start leaking. The costs for contamination cleanup along with possible liability claims could be catastrophic for the average user.

ConVault has addressed these problems and its vaulted tanks are recognized as an excellent alternative to underground storage.

LEADER IN ABOVE-GROUND CONTAINMENT

The ConVault vaulted above-ground tank is constructed of an inner steel tank enclosed within a thicker outer shell of concrete. The inner tank walls are fabricated with a minimum of 1/8" thick steel and the tanks are approved by Underwriter Laboratories. The tanks are available in 500 gallons, 1,000 gallons and double 500 gallons sizes.

The advantages of owning a ConVault tank are as follows:

- Double containment vault that sits 4 inches off the ground
- Above-ground placement for easy monitoring and visual inspection
- Accepted for use by many city and county agencies
- Virtual elimination of any potential leakage problems
- Thermal protection with a minimum two hour fire wall
- Designed to withstand natural disasters
- Inspection fees substantially lower
- Simple to use

The ConVault tanks are currently being used by:

- Fire Departments
- Schools
- Major Utilities
- Auto Dealerships
- Transportation Companies
- Food Processors
- Farmers
- Any Business With Fuel Needs







Pat. Pend.

CALMAT, S. Bdno.

8010 - N.D.

Ba	28.6
Be	N.D.
Cr	8.7
Co	4.23
Cu	10.7
Mb	5.34
Ni	8.69
Th	N.D.
Vd	17.7
Zn	25.7
Cd	N.D.
AD	10.1

CAM METALS

7:25 A.M. 3-6-87 Gave verbal O.K. to work on new tanks- don't need to remove more soil but must aerate stockpiled soil. JR

8015 - N.D.

418.1 - 148 ppm
88 ppm

STOCKPILE - Ranges from 145-980 ppm

small pile - 19 ppm (want to put back in hole)

Rolley Pougas
875-1150
(6:30-8:30)

418.1
8015
8010 - solvents
metals

H.C.

Test for:

*samples taken by Scot S. from Region

To DLR

Date 2/19 Time 3:30

WHILE YOU WERE OUT

M Ms. Merz

of [illegible]

Phone 714-630-1672

Area Code Number Extension

TELEPHONED		PLEASE CALL	X
CALLED TO SEE YOU		WILL CALL AGAIN	
WANTS TO SEE YOU		URGENT	

RETURNED YOUR CALL

Message Re: Cal-Mat

found contamination.

Operator

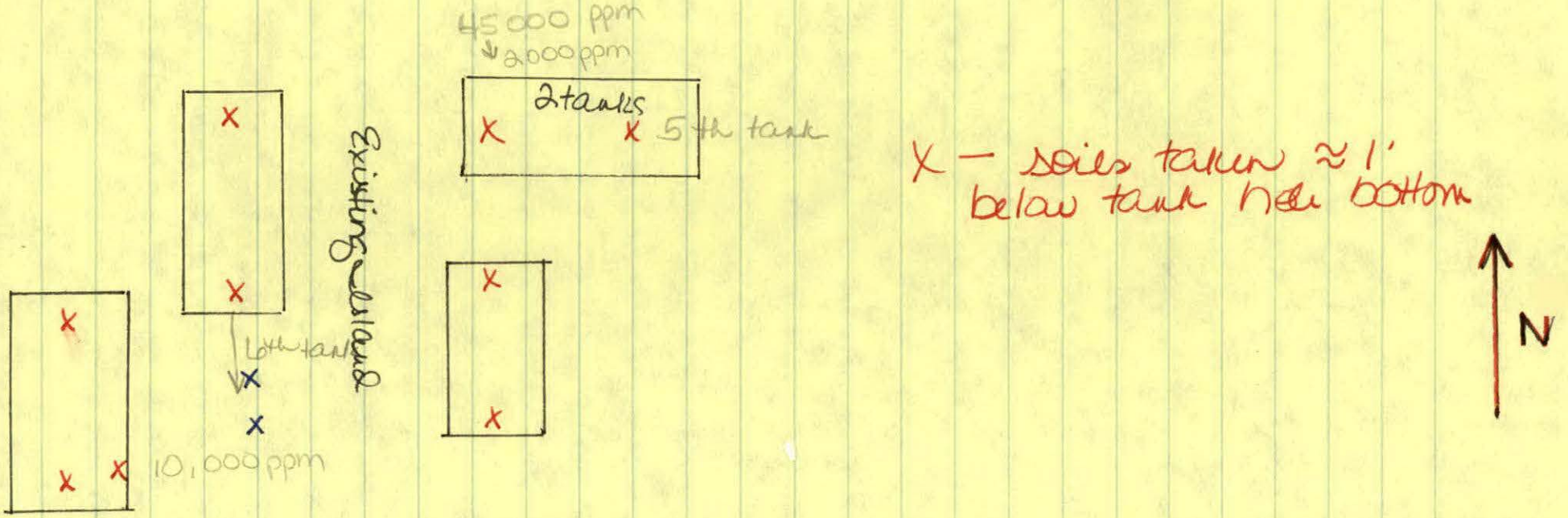
AMPAD EFFICIENCY®

23-020

Cal Mat - Paul Fairbanks

2-26-86. An extra tank was found; backhoe dug into tank & released its contents. Thought to be a water/rinse tank. Small amnt of grey sludge came out of bottom of tank; looked like cement, but smelled of solvents. Two samples were taken by Scot Rom Leighton & Assoc.

Sampling by Leighton & Assoc.



X — soils taken ≈ 1' below tank bottom

Cal-Mat

Tentative - needs verification (written)

2400 W. Highland Ave., SB.

Please Print

Submit to:
San Bernardino County Department of Environmental Health Services
385 North Arrowhead, San Bernardino, CA 92415

UNDERGROUND TANK INSTALLATION APPLICATION

Fee:
$210.00 First Tank
$ 55.00 Each Additional Tank

DATE: 1/28/87

Job Location

CAL-MAT Co. / RAWLEIGH TOREGAS 1-714-875-1150
Facility Name or Contact Person — Phone #

2400 WEST HIGHLAND AVENUE
Situs Address

SAN BERNARDINO. CA.
City — State — Zip Code

Contractor

PETROLEUM FACILITIES CONST. Co. 1-714-630-1672
Name — Phone #

3006 EAST CORONADO STREET
Mailing Address

ANAHEIM CA. 92806
City — State — Zip Code

Owner

CAL-MAT
Name — Phone #

2400 WEST HIGHLAND AVE.
Mailing Address

SAN BERNARDINO CA.
City — State — Zip Code

Tank Data

Construction	Size	Contents	U.L. Number
D/W JOOR PLASTEEL	20,000	DIESEL	
D/W JOOR PLASTEEL	20,000	SPLIT / 12000 GAS 4500 BULK OIL 3500 WASTE OIL	

Workman's Comp. Carrier & Policy #: STATE FUND

Fire Agency:

Water & Sewer Agency:

Owner's Representative: FRANK PETRONZIO 1-213 258-2777

Joan M. Merz
Signature

1/28/87
Date

OFFICE USE ONLY

AMOUNT: $ 265.00
CHECK #: 2184
DATE PAID: 1-28-87
TAKEN BY: Ub
Log #: 012887-01

P.F.C.
GENERAL CONTRACTORS

(213) 69[illegible]0314
(714) 6[illegible]672
(714) 630-1673

PETROLEUM FACILITIES CONSTRUCTION CO.
3006 E. CORONADO ST. • ANAHEIM, CA 92806
STATE LICENSE NO. 337393

JEAN MERZ

CalMat

JAY M. GRADY
ENVIRONMENTAL COORDINATOR

9300 FLAIR DRIVE
EL MONTE, CA 91734
(213) 258-2777

LEIGHTON and ASSOCIATES
INCORPORATED
L&A

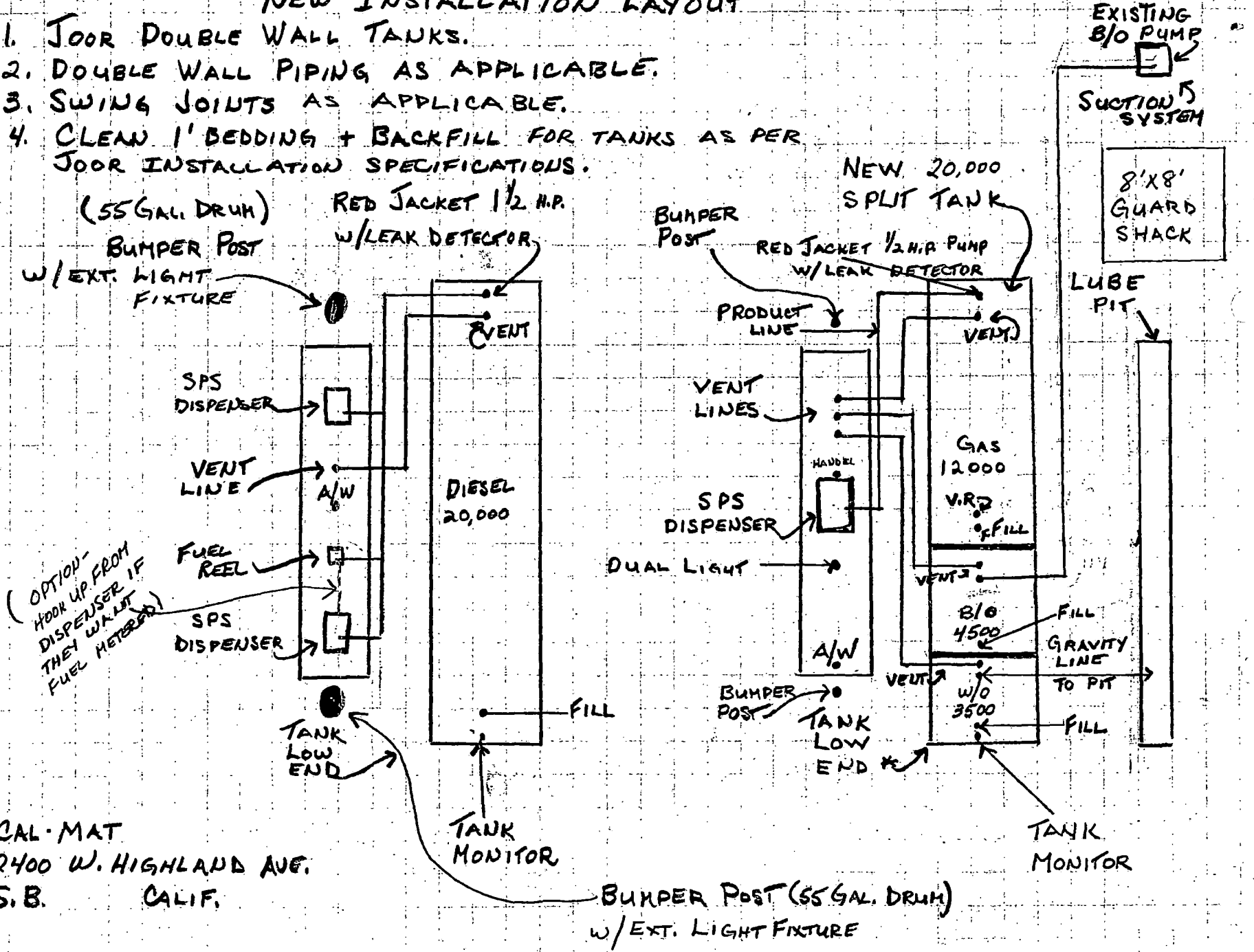
1989 Atlanta Avenue, Suite 1
Riverside, California 92507
(714) 788-5800

SCOT STORMO
Staff Geologist

SOIL ENGINEERING / TESTING / GEOLOGY / GROUND WATER

NEW INSTALLATION LAYOUT

1. JOOR DOUBLE WALL TANKS.
2. DOUBLE WALL PIPING AS APPLICABLE.
3. SWING JOINTS AS APPLICABLE.
4. CLEAN 1' BEDDING + BACKFILL FOR TANKS AS PER JOOR INSTALLATION SPECIFICATIONS.

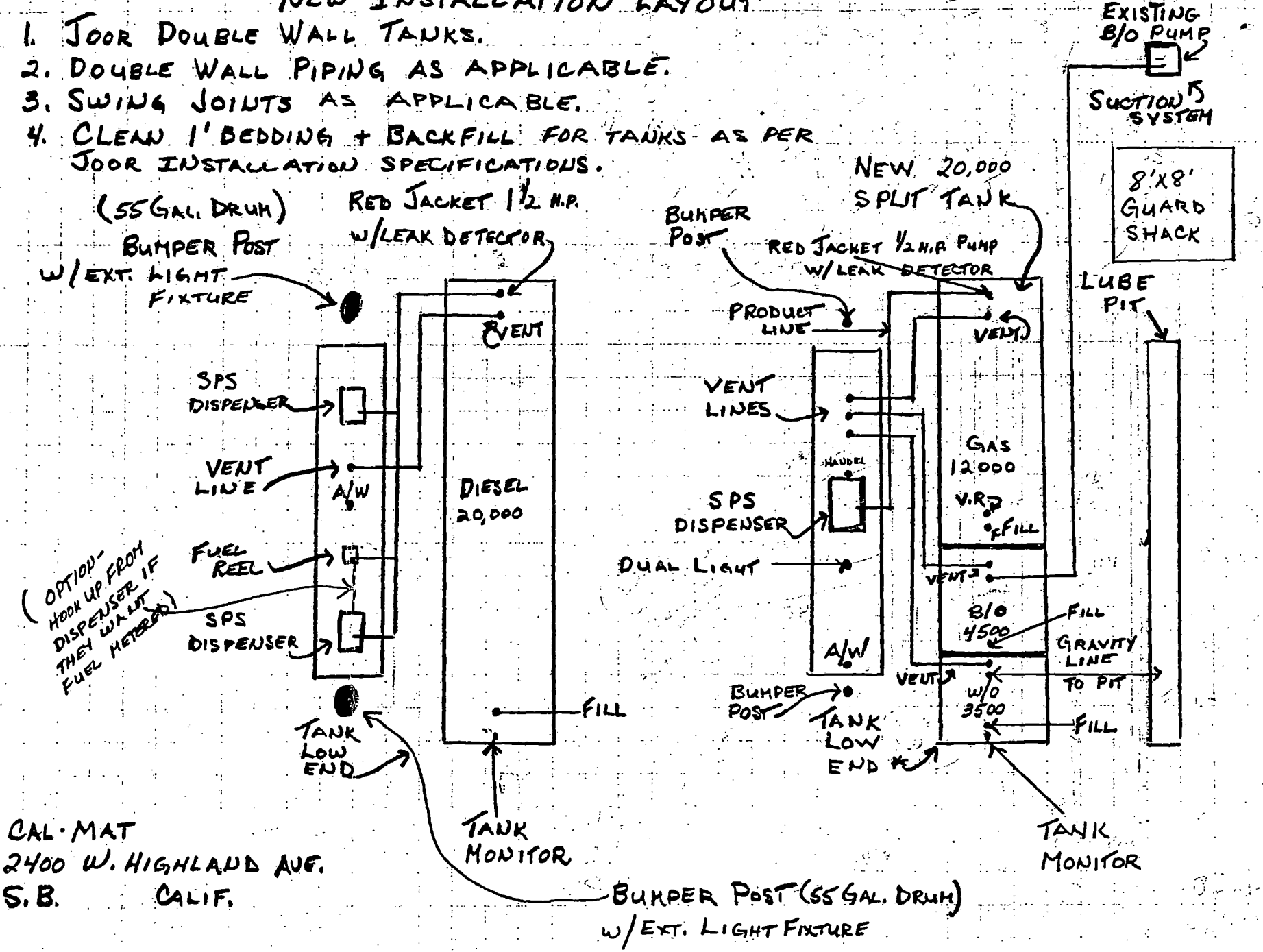


CAL-MAT
2400 W. HIGHLAND AVE.
S.B. CALIF.

* PRESSURE SYSTEM ON GAS + DIESEL TANKS!

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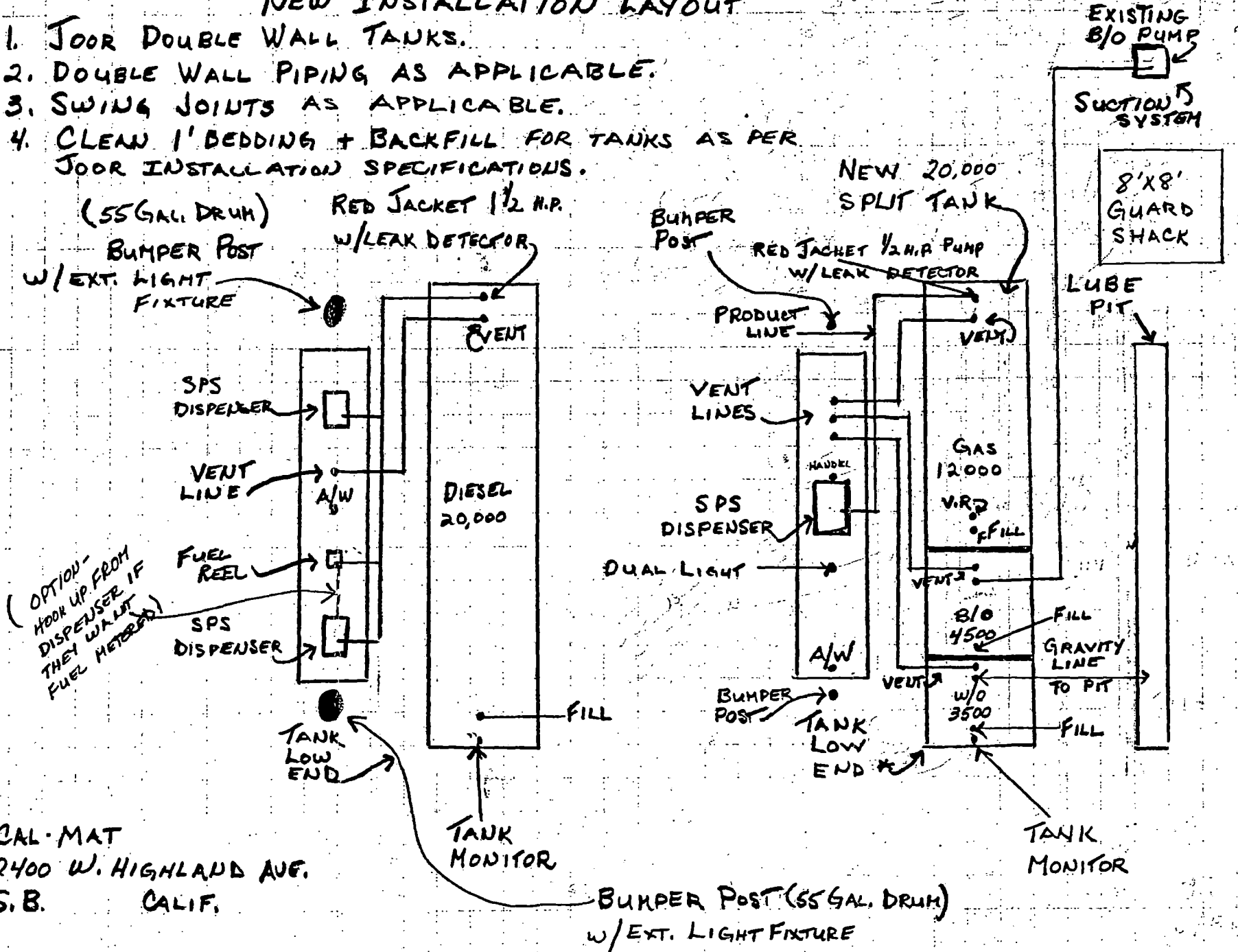


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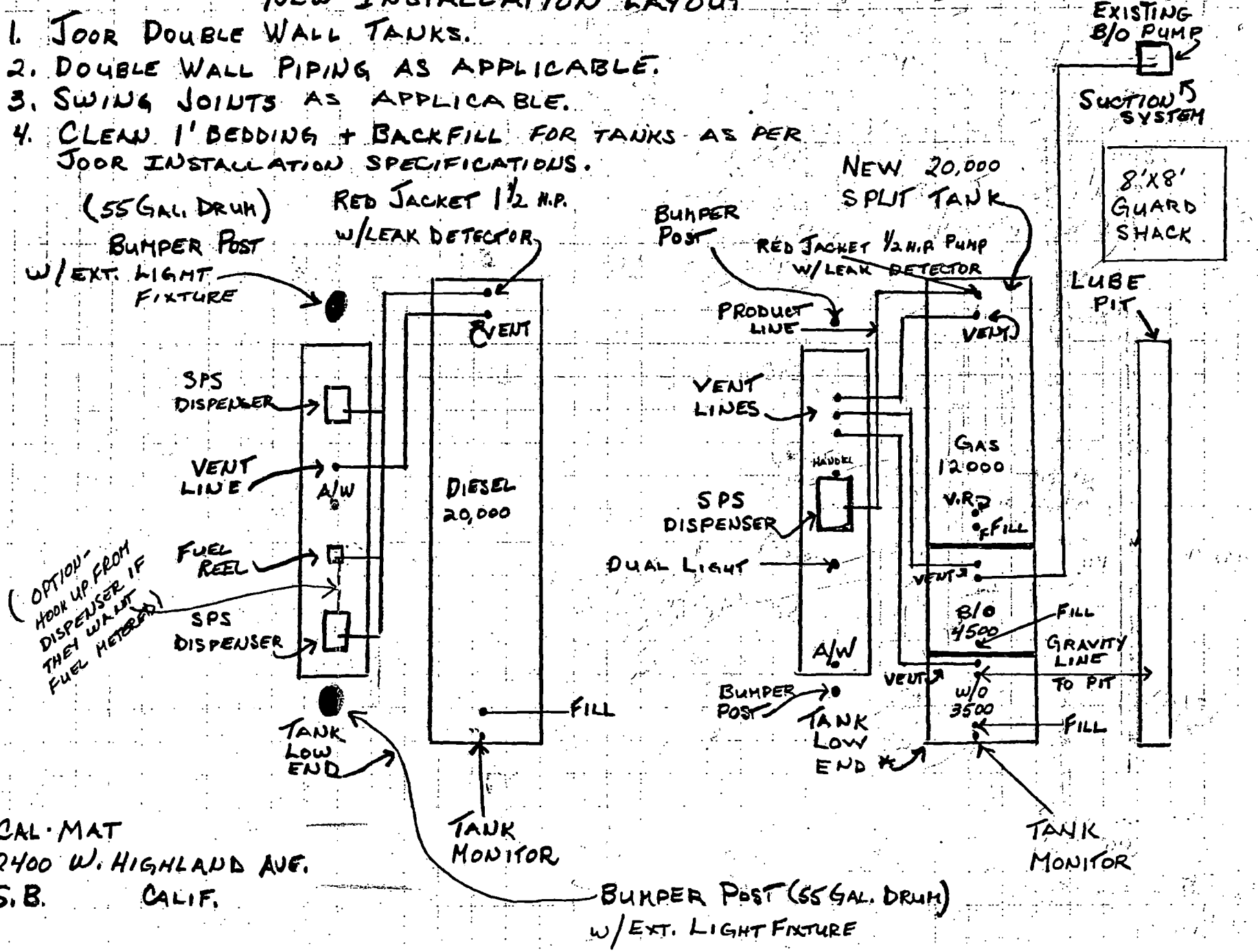


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S.B. CALIF.

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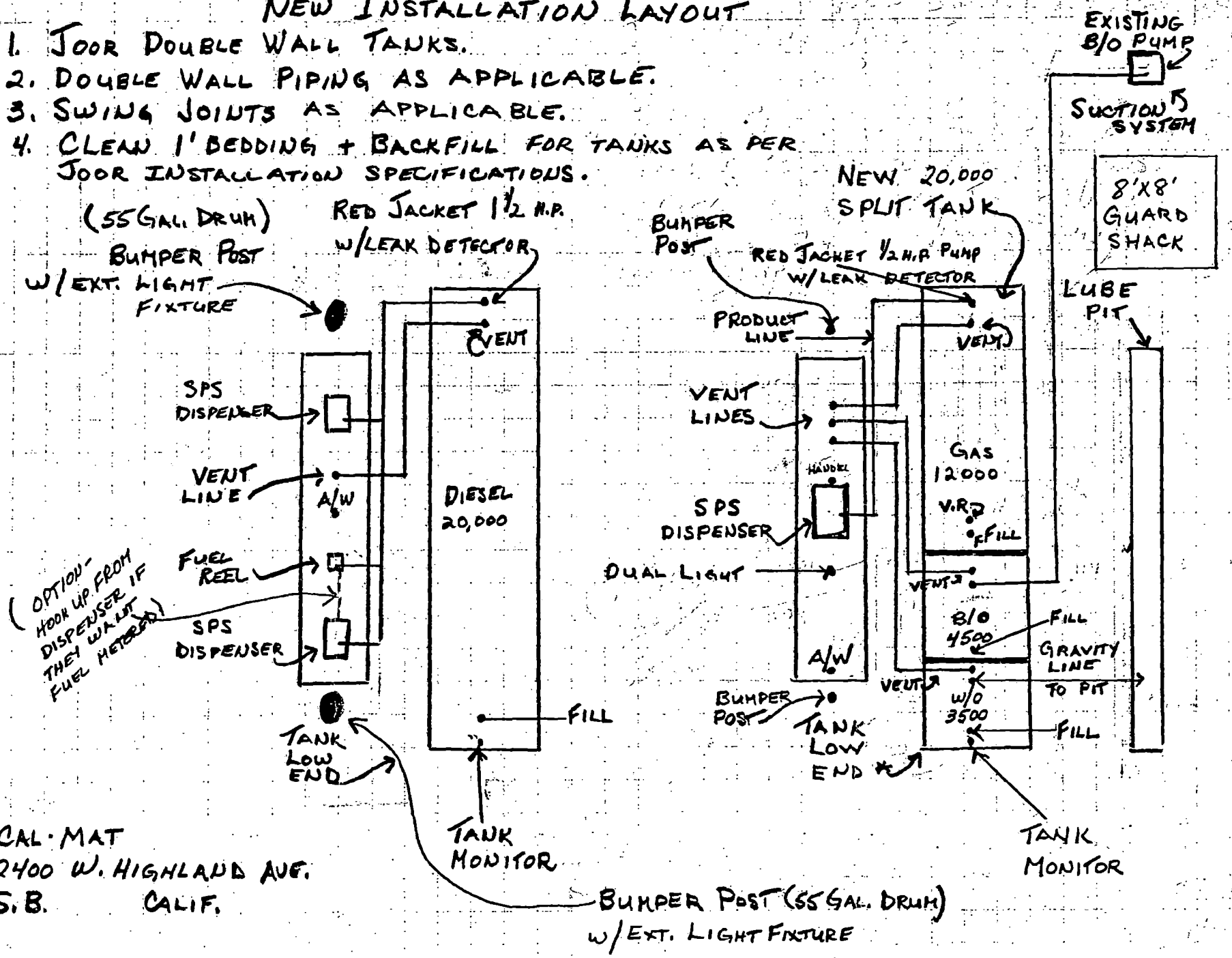


CAL-MAT
2400 W. HIGHLAND AVE.
S.B. CALIF.

* PRESSURE SYSTEM ON GAS + DIESEL TANKS!

NEW INSTALLATION LAYOUT

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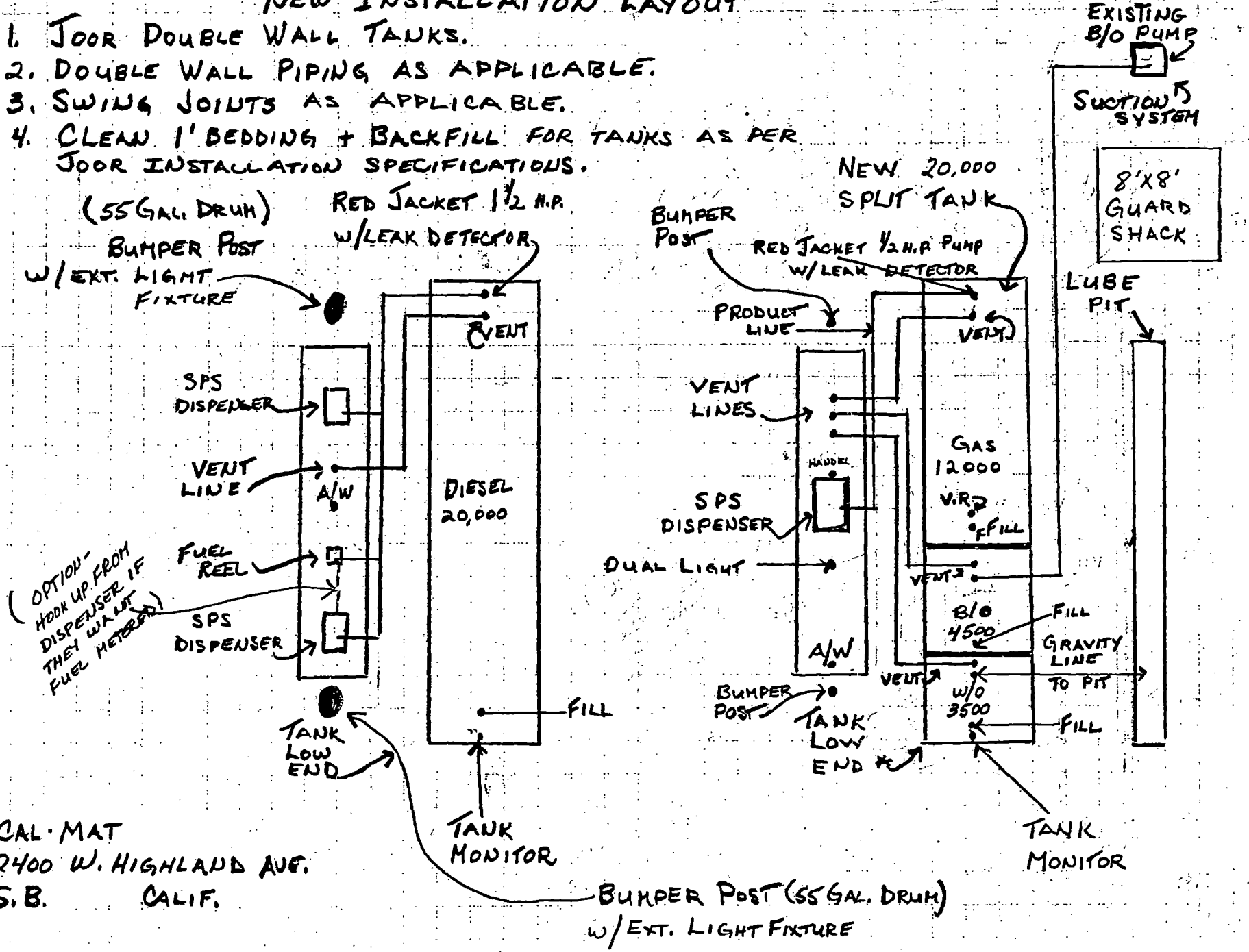


CAL-MAT
2400 W. HIGHLAND AVE.
S.B. CALIF.

* PRESSURE SYSTEM ON GAS + DIESEL TANKS:

NEW INSTALLATION LAYOUT

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CAL-MAT
2400 W. HIGHLAND AVE.
S.B. CALIF.

* PRESSURE SYSTEM ON GAS + DIESEL TANKS!

ENVIRONMENTAL HEALTH SERVICES

COUNTY OF SAN BERNARDINO
ENVIRONMENTAL
PUBLIC WORKS AGENCY

☐ 385 North Arrowhead Avenue • San Bernardino, CA 92415-0160 • (714) 387-4646
☐ 320 East "D" Street • Ontario, CA 91764 • (714) 391-7570
☐ 15505 Civic Drive • Victorville, CA 92392 • (619) 243-8141
☐
PLEASE REPLY TO ADDRESS CHECKED

RICHARD L. ROBERTS, R.S., M.P.H.
Director

Also serving the cities of:

Adelanto	Needles
Barstow	Ontario
Big Bear Lake	Rancho Cucamonga
Chino	Redlands
Colton	Rialto
Fontana	San Bernardino
Grand Terrace	Upland
Loma Linda	Victorville
Montclair	

November 2, 1987

CAL MAT COMPANY
1151 Duryea Avenue
Irvine, CA 92711

Attn: Jay Grady

SUBJECT: STOCKPILE SOIL FROM UNDERGROUND STORAGE TANKS REMOVED AT SAN BERNARDINO FACILITY

This Department has reviewed the proposal sent to us, in your behalf, by Leighton and Associates. It is our conclusion that no threat to the publics health and safety will exist if the stockpiled soil is added into the Batch Material Process at the San Bernardino facility.

It is important to note that this authorization covers only the San Bernardino facility.

If you have any further questions, please call at (714) 387-3080.

RICHARD L. ROBERTS, R.S., MPH
Director

Betti Mac Gregor

BETTI MAC GREGOR
Environmental Health Technician III

RLR:BM:em

cc: Thomas Mills
c/o Leighton & Associates

Board of Supervisors
JOHN JOYNER . . . . . First District
JON D. MIKELS . . . . . Second District
ROBERT L. HAMMOCK . . . . . Third District
BARBARA CRAM RIORDAN . . . . . Fourth District
LARRY WALKER . . . . . Fifth District

Date 10/29 Hour [redacted]1.33

To Betti

WHILE YOU WERE OUT

From Keith Downing

Of Leighton + Ass

Phone ( ) 714-250-1421

Telephoned		Returned Call		Please Call	
Please See Me		Will Call Again		Important	

Message

please send copy of letter referencing Cal Mpt 2B

1151 Duryea Ave
Irvine CA 92711

Signed KD

AIGNER REORDER NO. 50-726

ENVIRONMENTAL HEALTH SERVICES

COUNTY OF SAN BERNARDINO
ENVIRONMENTAL
PUBLIC WORKS AGENCY

☐ 385 North Arrowhead Avenue • San Bernardino, CA 92415-0160 • (714) 387-4646
☐ 320 East "D" Street • Ontario, CA 91764 • (714) 391-7570
☐ 15505 Civic Drive • Victorville, CA 92392 • (619) 243-8141
☐
PLEASE REPLY TO ADDRESS CHECKED

RICHARD L. ROBERTS, R.S., M.P.H.
Director

Also serving the cities of:

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Barstow	Ontario
Big Bear Lake	Rancho Cucamonga
Chino	Redlands
Colton	Rialto
Fontana	San Bernardino
Grand Terrace	Upland
Loma Linda	Victorville
Montclair	

October 9, 1987

PO Box 2950
Seminal Annex
LA 90051

CAL MAT COMPANY
9300 Flair Drive
El Monte, CA 91773

Attn: Jay Grady

SUBJECT: STOCKPILE SOIL FROM UNDERGROUND STORAGE TANKS REMOVED AT SAN BERNARDINO FACILITY

This Department has reviewed the proposal sent to us, in your behalf, by Leighton and Associates. It is our conclusion that no threat to the publics health and safety will exist if the stockpiled soil is added into the Batch Material Process at the San Bernardino facility.

It is important to note that this authorization covers only the San Bernardino facility.

If you have any further questions, please call at (714) 387-3080.

RICHARD L. ROBERTS, R.S., MPH
Director

Betti MacGregor
BETTI MAC GREGOR
Environmental Health Technician III

RLR:BM:em

cc: Thomas Mills
c/o Leighton & Associates
1151 Puryea Ave
Irvine, CA 92714

Board of Supervisors
First District BARBARA CRAM HOLLAN
Second District LARRY WALKER

bmit to:
n Bernardino County De_tment of Environmental H th Services
5 North Arrowhead, San Bernardino, CA 92415

Please Print

UNDERGROUND TANK INSTALLATION APPLICATION

e:
10.00 First Tank
55.00 Each Additional Tank

DATE: 1/28/87

Job Location

CAL-MAT Co. / RAWLEIGH TOREGAS 1-714-875-1150
cility Name or Contact Person — Phone #

2400 WEST HIGHLAND AVENUE
tus Address

SAN BERNARDINO. CA.
ty — State — Zip Code

Contractor

PETROLEUM FACILITIES CONST. Co. 1-714-630-1672
me — Phone #

3006 EAST CORONADO STREET
iling Address

ANAHEIM CA. 92806
ty — State — Zip Code

Owner

CAL-MAT
me — Phone #

2400 WEST HIGHLAND AVE.
iling Address

SAN BERNARDINO CA.
ty — State — Zip Code

Tank Data

Construction	Size	Contents	U.L. Number
D/W JOOR PLASTEEL	20,000	DIESEL	
D/W JOOR PLASTEEL	20,000	SPLIT / 12000 GAS 4500 BULK OIL 3500 WASTE OIL	

rkman's Comp. Carrier & Policy #: STATE FUND
re Agency:
ter & Sewer Agency:
ner's Representative: FRANK PETRONZIO 1-213 258-2777

Jan M. Merz
gnature

1/28/87
te

Ref: 0780 11000 5/21/87 Q

OFFICE USE ONLY

AMOUNT: $ 265.00
CHECK #: 2184
DATE PAID: 1-28-87
TAKEN BY: Ub
Log #: 012887-01

Fire Agency: _____

ıbmit to:
ın Bernardino County Department of Environmental Health Services
35 North Arrowhead Avenue, San Bernardino, CA 92415-0160

APPLICATION FOR REMOVAL OF UNDERGROUND STORAGE TANK

ɜE: DATE: 1/28/87

_____ First Tank
_____ Each Additional Tank

JOB LOCATION

1-714

CAL-MAT CO. / RAWLEIGH TOREGAS 875-1150
ıcility Name or Contact Person Phone #

2400 WEST HIGHLAND AVENUE
.tus Address

SAN BERNARDINO CALIF.
.ty State Zip Code

CONTRACTOR

PETROLEUM FACILITIES CONST. CO. 714 630-1672
ıme Phone #

3006 EAST CORONADO STREET
ıiling Address

ANAHEIM CALIF. 92806
.ty State Zip Code

OWNER

CAL-MAT CO. 714 875-1150
ıme Phone #

2400 WEST HIGHLAND AVENUE
ıiling Address

SAN BERNARDINO CA.
.ty State Zip Code

Tank Data

ɔnstruction	Size	Contents	U.L. Number
STEEL	2000	WASTE OIL	
"	7500	BULK OIL	
"	10000	GAS	
"	10000	~~DIESEL~~	

rkman's Comp. Carrier & Policy #: STATE FUND

ter Sewer Agency: _____

TE: The State of California has determined that tanks used for the storage of any hazardous flammable substance shall be considered hazardous even if all contents have been removed.

All storage tanks shall be hauled as hazardous waste, accompanied by a state hazardous ste manifest, and taken to a licensed treatment, storage and disposal facility (TSDF); or if e tanks are triple rinsed on site and the rinsate manifested and hauled to a licensed TSDF, e tank may be handled as non-hazardous.

For information on licensed TSDF's that can accept non-rinsed tanks contact the State of lifornia Department of Health Services, Toxic Substance Control at (213)620-2380.

Jan M. Yerz
gnature

1/28/87
te

OFFICE USE ONLY

Date: 1-28-87
Amount: current permit
Check #: 2184 (for installation)
Received By: ub
LOG NO. 012887-01

P.F.C.
GENERAL
CONTRACTORS

(213) 696-0314
(714) 630-1672
(714) 630-1673

PETROLEUM FACILITIES CONSTRUCTION CO.
3006 E. CORONADO DR. • ANAHEIM, CA 92806
STATE LICENSE NO. 337393

February 17, 1987

Environmental Health Services
Hazardous Waste and Toxics Control
385 North Arrowhead Avenue
San Bernardino, Callifornia

Ref: Discovery of an additional tank:
Cal Mat Facility
2400 Highland Avenue

Attention: Donna Ruch:

Gentlemen:

Please be advised of the locating of an additional underground tank at subject location.

Attached you will find a corrected plot plan showing the location of this tank, which is numbered as #5.

All proper prepartions were made prior to its removal under your supervision.

If you have any questions regarding this submittal please feel free to call me at one of the phone numbers listed above.

Sincerely yours,

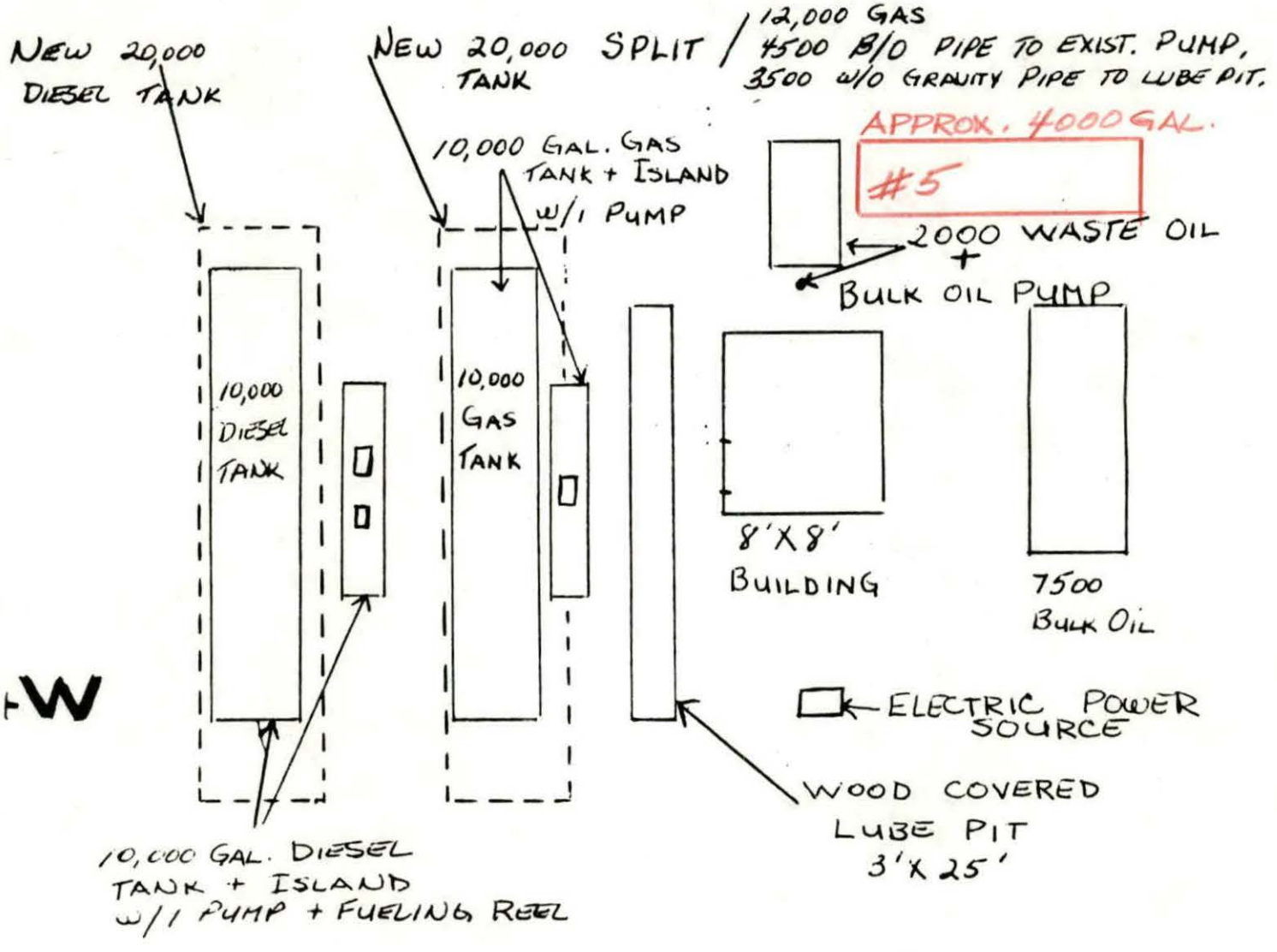
Jean M. Merz

Jean M. Merz
Project Supervisor

P.S.
Payment for permit inclosed, $55.00

CAL MAT - SAN BERNARDINO

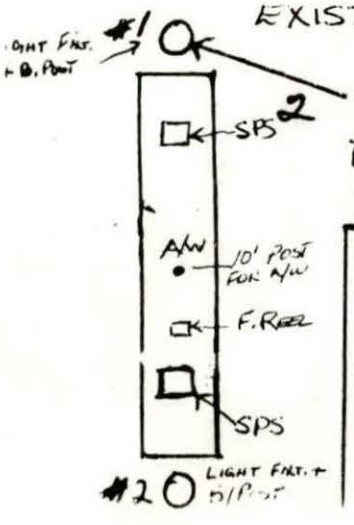
DISCOVERED TANK #5



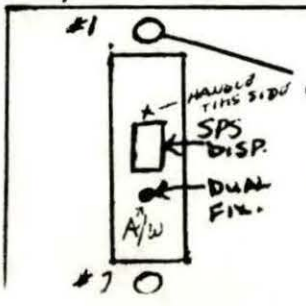
* BE SURE TO PUT IN SWALE WHEN DOING NEW CONCRETE.

NOTES.

1. NEW ISLANDS TO BE 10'/15' WEST OF EXISTING ISLANDS - DISPENSERS MIN. 4' IN FROM ISLAND END.



2 BUMPER POST / BARREL W/ EXT. LIGHT FIXTURE
DIESEL ISLAND 25'L X 5'W X 15" H
W/1 FUELING REEL 2-SPS DISPENSER



2 REG. BUMPER POSTS
GASOLINE ISLAND 10'LX3'WX6"H
W/1 DUAL LIGHT FIXTURE AND
1 SPS DISP.

P.F.C.
GENERAL
CONTRACTORS

(213) 696-0314
(714) 630-1672
(714) 630-1673

PETROLEUM FACILITIES CONSTRUCTION CO.
3006 E. CORONADO DR. • ANAHEIM, CA 92806
STATE LICENSE NO. 337393

March 9, 1987

Environmental Health Services
Hazardous Waste and Toxics Control
385 North Arrowhead Avenue
San Bernardino, Callifornia

Ref: Discovery of an additional tank:
Cal Mat Facility
2400 Highland Avenue

Attention: Donna Ruch:

Gentlemen:

Please be advised of the locating of an additional underground tank at subject location.

Attached you will find a corrected plot plan showing the location of this tank, which is numbered as #6.

All proper prepartions were made prior to its removal under your supervision.

If you have any questions regarding this submittal please feel free to call me at one of the phone numbers listed above.

Sincerely yours,

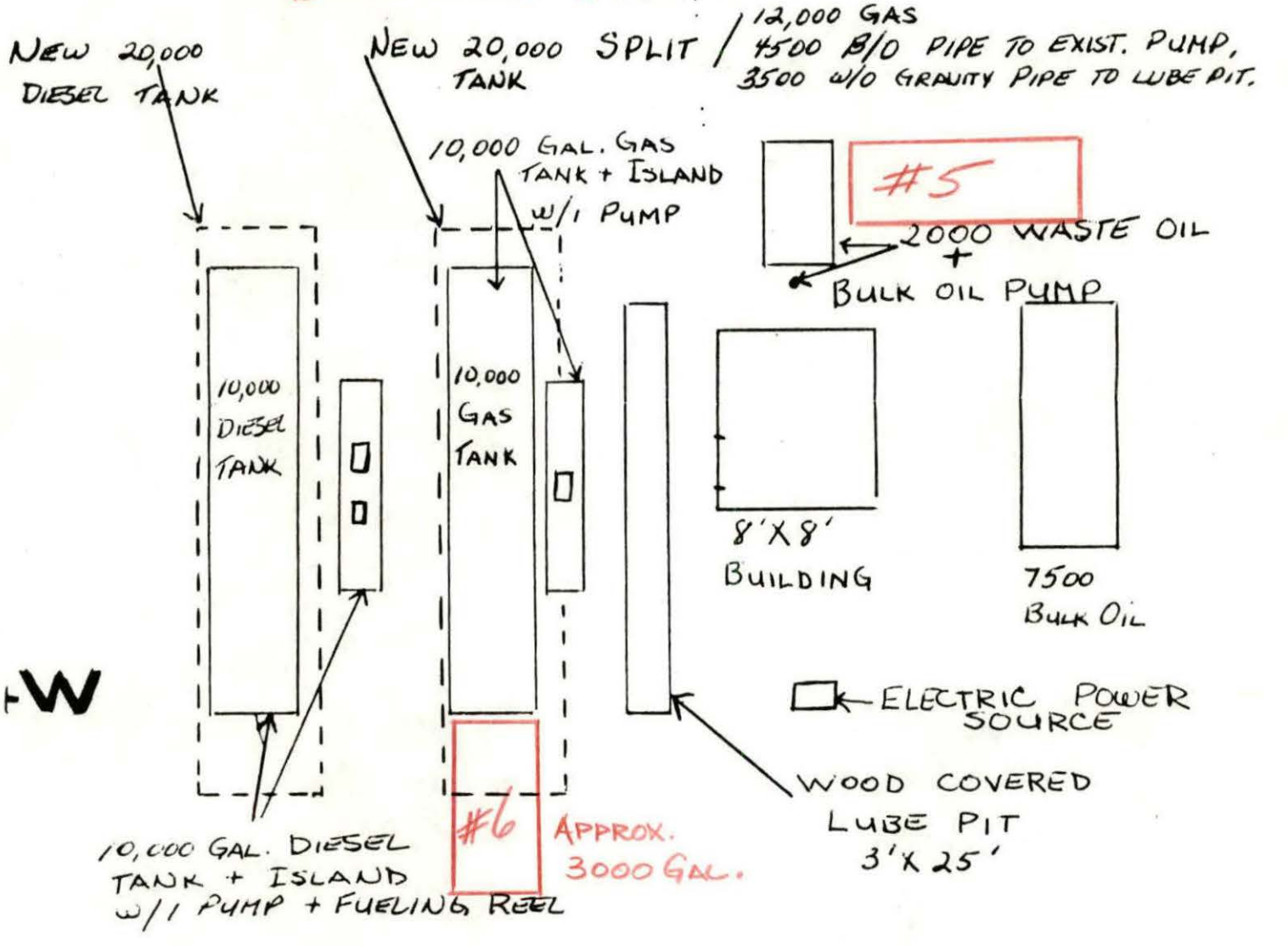
Jean M. Merz

Jean M. Merz
Project Supervisor

P.S.
Payment for permit inclosed, $55.00

CAL MAT - SAN BERNARDINO

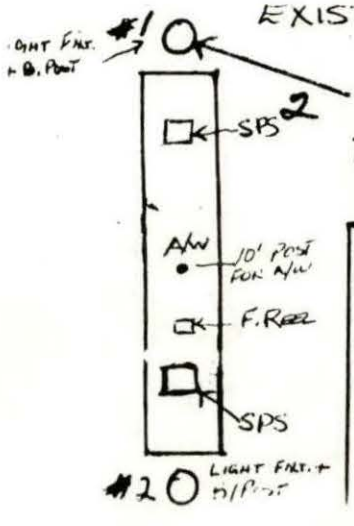
DISCOVERED TANK # 6



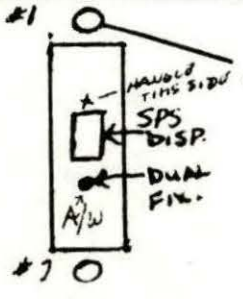
* BE SURE TO PUT IN SWALE WHEN DOING NEW CONCRETE.

NOTES.

1. NEW ISLANDS TO BE 10'/15' WEST OF EXISTING ISLANDS - DISPENSERS MIN. 4' IN FROM ISLAND END.



BUMPER POST / BARREL W/ EXT. LIGHT FIXTURE
DIESEL ISLAND 25'L X 5'W X 15" H
W/1 FUELING REEL 2-SPS DISPENSER



2 REG. BUMPER POSTS
GASOLINE ISLAND 10'LX3'WX6"H
W/1 DUAL LIGHT FIXTURE AND
1 SPS DISP.

ENVIRONMENTAL HEALTH SERVICES

COUNTY OF SAN BERNARDINO
ENVIRONMENTAL
PUBLIC WORKS AGENCY

☒ 385 North Arrowhead Avenue • San Bernardino, CA 92415-0160 • (714) 387-~~4608~~ 4646
☐ 320 East "D" Street • Ontario, CA 91764 • (714) 988-1137
☐ 15505 Civic Drive • Victorville, CA 92392 • (619) 243-8141
☒ Hazardous Waste & Toxics (714)387-4629
PLEASE REPLY TO ADDRESS CHECKED

RICHARD L. ROBERTS, R.S., M.P.H.
Director

Also serving the cities of:

Adelanto	Needles
Barstow	Ontario
Big Bear Lake	Rancho Cucamonga
Chino	Redlands
Colton	Rialto
Fontana	San Bernardino
Grand Terrace	Upland
Loma Linda	Victorville
Montclair	

February 24, 1987

Cal Mat
2400 W. Highland Avenue
San Bernardino, CA 92406

Attention: James Williams

SUBJECT: ALTERNATIVE BACKFILL FOR UNDERGROUND STORAGE TANKS.

After reviewing the laboratory analyses and sample of the material referred to as "fillrock", this department is approving this material to be used as backfill for steel underground storage tanks. However, in order to approve its use with fiber-glass underground storage tanks, we must have written approval from each manufacturer of these tanks. The fiberglass tanks approved by this department are those manufactured by Owens Corning and Xerxes.

Thank you for your cooperation in this matter. If you have any further questions, please call at (714)387-4629.

RICHARD L. ROBERTS, R.S., MPH
Director

Donna L. Ruch

DONNA L. RUCH, R.S., MPH
Environmental Specialist II

RLR:DLR:nd

Official Registration Form

California Water Resources Control Boa

Hazardous Substance Storage Statement

Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1, 1984 (After October 1, 1984 and no later than January 1, 1985 for tanks used on farms).

Definition of Underground Containers: The law applies to "concrete sumps, nonvaulted buried tanks or other underground containers" (Water Code section 13173) All containers, including earthen walled pits, ponds, lagoons and sumps, that are below the normal ground surface level must register. A tank sitting on the ground is not included. Containers partially beneath the surface are included. Lined or unlined pits, ponds and lagoons are covered if earth has been removed from the storage area to construct the facility. Normal grading is not considered construction below ground level.

Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code. This includes gasoline, diesel fuel, all industrial solvents, pesticides, herbicides and fumigants. If the material must be carried by a registered hauler, disposed of at a hazardous waste site, is explosive, generates pressure due to heat or decomposition or would harm humans or wildlife you must register the tank. Wastes are included.

Fee: For each tank registered a $10 fee must be paid, except that retail gasoline stations pay $5 per tank.

Penalties: For failure to file, the penalty is $500-$5,000 per day. If you falsify information, you can be fined up to $20,000 for each day the information is incorrect and has not been corrected.

Confidentiality: If you have information protected by trade secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill I and II on one form and leave it blank on all the remaining forms. Attach all forms together securely. If you own more than 50 tanks you can file information on computer tape. Call 916/324-1262 for information.

This is not a Permit Application. All Underground Tanks will be subject to local regulation. Some jurisdictions have already begun programs. Check with your local county government for further information.

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE.

I Owner

Name (Corporation, Individual or Public Agency)			
CAL MAT CO FORMERLY CONROCK CO			
Street Address: 3200 SAN FERNANDO RD	City: LOS ANGELES	State: CA	ZIP: 90065

II Facility

Facility Name: SAN BERNARDINO	Dealer/Foreman/Supervisor:		
Street Address: 2400 W. HIGHLAND AVE		Nearest Cross Street: RIVERSIDE AV.	
City: SAN BERNARDINO	County: SAN BERNARDO		ZIP: 92405
Mailing Address: P.O. BOX 2950 TERMINAL ANNEX	City: LOS ANGELES	State: CA	ZIP: 90051
Phone w/ area code: 213 258 2777	Type of Business: ☐ 01 Motor Vehicle Fuel Station ☒ 02 Other: SAND & GRAVEL PLANT		
Number of Tanks at this Facility: 3	Rural Areas Only: Township	Range	Section

III 24 Hour Emergency Contact Person

Days. Name (last name first) and Phone w/ area code	Nights. Name (last name first) and Phone w/ area code
	24 Hour Hot Line (800) 282-4924

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A. ☒ 01 Tank ☐ 02 Sump ☐ 03 Lagoon, Pit or Pond ☐ 04 Other: _____ **Container Number** (if there is no number, assign one): 1

B. Manufacturer (if appropriate): N/A Year of Mfg.: _____ C. Year Installed: _____ ☒ Unknown

D. Container Capacity 10,000 gallons ☐ Unknown E. Container Repairs: ☐ 01 None ☒ 02 Unknown ☐ 03 Yes Year: _____

F. Is Container currently used? ☒ 01 Yes ☐ 02 No If No, year of last use: _____ ☐ 03 Unknown

G. Does the Container Store (Check One): ☐ 01 Waste ☒ 02 Product

H. Does the Container Store Motor Vehicle Fuel or Waste Oil? ☒ 01 Yes ☐ 02 No If Yes, Check appropriate box(es):

☐ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☒ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List): _____

V Container Construction

A. Thickness of Primary Containment: _____ ☐ Gauge ☐ Inches ☐ cm ☒ Unknown

B. ☐ 01 Vaulted (Located in an underground Vault.) ☒ 02 Non-vaulted ☐ 03 Unknown

C. ☐ 01 Double Walled ☒ 02 Single Walled ☐ 03 Lined ☐ 04 Wrapped ☐ 05 Unknown ☐ 06 None

D. ☒ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☐ 12 Unknown ☐ 13 Other: _____

E. ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining

☐ 07 Unlined ☒ 08 Unknown ☐ 09 Other: _____

F. ☐ 01 Polyethlene Wrap ☐ 02 Vinyl Wrapping ☐ 03 Cathodic Protection ☒ 04 Unknown ☐ 05 None ☐ 09 Other: _____

VI Piping

A. Associated Piping:	☐ 01 Above Ground	☒ 02 Underground	☐ 03 Vaulted	
B. Underground Piping:	☐ 01 Gravity	☐ 02 Pressure	☒ 03 Suction	☐ 04 Unknown
C. Piping Repairs:	☐ 01 None	☒ 02 Unknown	☐ 03 Yes, Year of most recent repair: _____	

VII Leak Detection

☐ 01 Visual ☐ 02 Stock Inventory ☐ 03 Tile Drain ☐ 04 Vapor Sniff Wells ☐ 05 Sensor Instrument

☐ 06 Ground Water Monitoring Wells ☐ 07 Pressure Test ☐ 08 Internal Inspection ☒ 09 None

☐ 10 Other: _____

VIII Chemical Composition of Materials *Currently* or *Previously* Stored in Underground Containers

If you checked yes to IV-H you are not required to complete this section.

currently stored	previously stored	CAS # (If known)	Chemical *Do Not Use Commercial Name* (Use additional paper for more room
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		

Is Container located on an Agricultural Farm? ☐ 01 Yes ☒ 02 No

IX IMPORTANT! Read instructions before signing:

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located. 2) a general partner proprietor, or 3) a principal executive officer, ranking elected official or authorized representative of a public agency.

This form has been completed under the penalty of perjury and, to the best of my knowledge, is true and correct.

Signature		Date
Gene R Block		6-29-84
Printed Name	**Title**	**Phone w area code**
Gene R. Block	V.P. Prop. Mgr.	(213) 258-2777

Send check to: Hazardous Substance Storage Statement, State Water Resources Control Board, P.O. Box 100, Sacramento, CA 95801-0100

Person Filing Statement	Phone w area code
John H. Bennett	(213) 258-2777

For additional forms or more information call 916/324-1262

FOR STATE USE ONLY

ID Number	Accounting Number	County Number	
Date Received	☐ 01	☐ 02	☐ 03

84 31697

Official Registration Form

California Water Resources Control Boa

Hazardous Substance Storage Statement

Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1, 1984 (After October 1, 1984 and no later than January 1, 1985 for tanks used on farms).

Definition of Underground Containers: The law applies to "concrete sumps, nonvaulted buried tanks or other underground containers." (Water Code section 13173) All containers, including earthen walled pits, ponds, lagoons and sumps, that are below the normal ground surface level must register. A tank sitting on the ground is not included. Containers partially beneath the surface are included. Lined or unlined pits, ponds and lagoons are covered if earth has been removed from the storage area to construct the facility. Normal grading is not considered construction below ground level.

Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code. This includes: gasoline, diesel fuel, all industrial solvents, pesticides, herbicides and fumigants. If the material must be carried by a registered hauler, disposed of at a hazardous waste site, is explosive, generates pressure due to heat or decomposition or would harm humans or wildlife you must register the tank. Wastes are included.

Fee: For each tank registered a $10 fee must be paid, except that retail gasoline stations pay $5 per tank.

Penalties: For failure to file, the penalty is $500-$5,000 per day. If you falsify information, you can be fined up to $20,000 for each day the information is incorrect and has not been corrected.

Confidentiality: If you have information protected by trade secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill I and II on one form and leave it blank on all the remaining forms. Attach all forms together securely. If you own more than 50 tanks you can file information on computer tape. Call 916/324-1262 for information.

This is not a Permit Application. All Underground Tanks will be subject to local regulation. Some jurisdictions have already begun programs. Check with your local county government for further information.

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE.

I Owner

Name (Corporation, Individual or Public Agency)			
Street Address	City	State	ZIP

II Facility

Facility Name		Dealer/Foreman/Supervisor		
Street Address			Nearest Cross Street	
City		County		ZIP
Mailing Address		City	State	ZIP
Phone w/area code	Type of Business ☐ 01 Motor Vehicle Fuel Station ☐ 02 Other:			
Number of Tanks at this Facility	**Rural Areas Only:**	Township	Range	Section

III 24 Hour Emergency Contact Person

Days Name (last name first) and Phone w/area code	*Nights* Name (last name first) and Phone w/area code
	24 Hour Hot Line (800) 282-4924

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A. ☒ 01 Tank ☐ 02 Sump ☐ 03 Lagoon, Pit or Pond ☐ 04 Other: _____ **Container Number** (If there is no number assign one) 2

B. Manufacturer (if appropriate): N/A Year of Mfg.: _____ C. Year Installed: _____ ☒ Unknown

D. Container Capacity: 10,000 gallons ☐ Unknown E. Container Repairs: ☐ 01 None ☒ 02 Unknown ☐ 03 Yes Year: _____

F. Is Container currently used? ☒ 01 Yes ☐ 02 No If No, year of last use: _____ ☐ 03 Unknown

G. Does the Container Store (Check One): ☐ 01 Waste ☒ 02 Product

H. Does the Container Store Motor Vehicle Fuel or Waste Oil? ☒ 01 Yes ☐ 02 No If Yes, Check appropriate box(es):

☒ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☐ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List): _____

V Container Construction

A. Thickness of Primary Containment: _____ ☐ Gauge ☐ Inches ☐ cm ☒ Unknown

B. ☐ 01 Vaulted (Located in an underground Vault.) ☒ 02 Non-vaulted ☐ 03 Unknown

C. ☐ 01 Double Walled ☒ 02 Single Walled ☐ 03 Lined ☐ 04 Wrapped ☐ 05 Unknown ☐ 06 None

D. ☒ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☐ 12 Unknown ☐ 13 Other: _____

E. ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining

☐ 07 Unlined ☒ 08 Unknown ☐ 09 Other: _____

F. ☐ 01 Polyethlene Wrap ☐ 02 Vinyl Wrapping ☐ 03 Cathodic Protection ☒ 04 Unknown ☐ 05 None ☐ 09 Other: _____

VI Piping

A. Associated Piping:	☐ 01 Above Ground	☒ 02 Underground	☐ 03 Vaulted	
B. Underground Piping:	☐ 01 Gravity	☐ 02 Pressure	☒ 03 Suction	☐ 04 Unknown
C. Piping Repairs:	☐ 01 None	☒ 02 Unknown	☐ 03 Yes, Year of most recent repair: _____	

VII Leak Detection

☐ 01 Visual ☐ 02 Stock Inventory ☐ 03 Tile Drain ☐ 04 Vapor Sniff Wells ☐ 05 Sensor Instrument

☐ 06 Ground Water Monitoring Wells ☐ 07 Pressure Test ☐ 08 Internal Inspection ☒ 09 None

☐ 10 Other: _____

VIII Chemical Composition of Materials *Currently* or *Previously* Stored in Underground Containers

If you checked yes to IV-H you are not required to complete this section.

currently stored	previously stored	CAS # (If known)	Chemical *Do Not Use Commercial Name* (Use additional paper for more room
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		

Is Container located on an Agricultural Farm? ☐ 01 Yes ☐ 02 No

IX IMPORTANT! Read instructions before signing:

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located. 2) a general partner proprietor, or 3) a principal executive officer, ranking elected official or authorized representative of a public agency.

This form has been completed under the penalty of perjury and, to the best of my knowledge, is true and correct.

Signature		Date
Gene R Block		6-29-84
Printed Name	**Title**	**Phone w area code**
Gene R. Block	V.P. Prop. Mgr.	(213) 258-2777

Send check to: Hazardous Substance Storage Statement, State Water Resources Control Board, P.O. Box 100, Sacramento, CA 95801-0100

Person Filing Statement	Phone w area code
John H. Bennett	(213) 258-2777

For additional forms or more information call 916/324-1262

FOR STATE USE ONLY

ID Number	Accounting Number	County Number	
Date Received	☐ 01	☐ 02	☐ 03

84 31697

Official Registration Form

California Water Resources Control Boa

Ha___dous Substance Storage Sta___ment

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Fee: For each tank registered a $10 fee must be paid, except that retail gasoline stations pay $5 per tank.

Penalties: For failure to file, the penalty is $500-$5,000 per day. If you falsify information, you can be fined up to $20,000 for each day the information is incorrect and has not been corrected.

Confidentiality: If you have information protected by trade secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill I and II on one form and leave it blank on all the remaining forms. Attach all forms together securely. If you own more than 50 tanks you can file information on computer tape. Call 916/324-1262 for information.

This is not a Permit Application. All Underground Tanks will be subject to local regulation. Some jurisdictions have already begun programs. Check with your local county government for further information.

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE.

I Owner

Name (Corporation, Individual or Public Agency)			
Street Address	City	State	ZIP

II Facility

Facility Name		Dealer/Foreman/Supervisor		
Street Address			Nearest Cross Street	
City		County		ZIP
Mailing Address		City	State	ZIP
Phone w/area code	Type of Business: ☐ 01 Motor Vehicle Fuel Station ☐ 02 Other:			
Number of Tanks at this Facility	**Rural Areas Only:** Township	Range	Section	

III 24 Hour Emergency Contact Person

Days Name (last name first) and Phone w/area code	*Nights* Name (last name first) and Phone w/area code
	24 Hour Hot Line (800) 282-4924

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A. ☒ 01 Tank ☐ 02 Sump ☐ 03 Lagoon, Pit or Pond ☐ 04 Other: _____ **Container Number** (if there is no number assign one): 3

B. Manufacturer (if appropriate): n/a Year of Mfg.: _____ C. Year Installed: _____ ☒ Unknown

D. Container Capacity: 200 gallons ☐ Unknown E. Container Repairs: ☐ 01 None ☒ 02 Unknown ☐ 03 Yes Year: _____

F. Is Container currently used? ☒ 01 Yes ☐ 02 No If No, year of last use: _____ ☐ 03 Unknown

G. Does the Container Store (Check One): ☒ 01 Waste ☐ 02 Product

H. Does the Container Store Motor Vehicle Fuel or Waste Oil? ☒ 01 Yes ☐ 02 No If Yes, Check appropriate box(es):

☐ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☐ 04 Diesel ☒ 05 Waste Oil ☐ 06 Other (List): _____

V Container Construction

A. Thickness of Primary Containment: _____ ☐ Gauge ☐ Inches ☐ cm ☒ Unknown

B. ☐ 01 Vaulted (Located in an underground Vault.) ☒ 02 Non-vaulted ☐ 03 Unknown

C. ☐ 01 Double Walled ☒ 02 Single Walled ☐ 03 Lined ☐ 04 Wrapped ☐ 05 Unknown ☐ 06 None

D. ☒ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☐ 12 Unknown ☐ 13 Other: _____

E. ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining

☐ 07 Unlined ☒ 08 Unknown ☐ 09 Other: _____

F. ☐ 01 Polyethlene Wrap ☐ 02 Vinyl Wrapping ☐ 03 Cathodic Protection ☒ 04 Unknown ☐ 05 None ☐ 09 Other: _____

VI Piping

A. Associated Piping:	☐ 01 Above Ground	☒ 02 Underground	☐ 03 Vaulted
B. Underground Piping:	☐ 01 Gravity	☐ 02 Pressure	☒ 03 Suction ☐ 04 Unknown
C. Piping Repairs:	☐ 01 None	☒ 02 Unknown	☐ 03 Yes, Year of most recent repair: _____

VII Leak Detection

☐ 01 Visual ☐ 02 Stock Inventory ☐ 03 Tile Drain ☐ 04 Vapor Sniff Wells ☐ 05 Sensor Instrument

☐ 06 Ground Water Monitoring Wells ☐ 07 Pressure Test ☐ 08 Internal Inspection ☒ 09 None

☐ 10 Other: _____

VIII Chemical Composition of Materials *Currently* or *Previously* Stored in Underground Containers

If you checked yes to IV-H you are not required to complete this section.

currently stored	previously stored	CAS # (If known)	Chemical *Do Not Use Commercial Name* (Use additional paper for more room
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		

Is Container located on an Agricultural Farm? ☐ 01 Yes ☐ 02 No

IX IMPORTANT! Read instructions before signing:

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located. 2) a general partner proprietor, or 3) a principal executive officer, ranking elected official or authorized representative of a public agency.

This form has been completed under the penalty of perjury and, to the best of my knowledge, is true and correct.

Signature	Date
Gene R Block	6-29-84

Printed Name	Title	Phone w area code
Gene R. Block	V.P. Prop. Mgr.	(213) 258-2777

Send check to: Hazardous Substance Storage Statement, State Water Resources Control Board, P.O. Box 100, Sacramento, CA 95801-0100

Person Filing Statement	Phone w area code
John H. Bennett	(213) 258-2777

For additional forms or more information call 916/324-1262

FOR STATE USE ONLY

ID Number	Accounting Number	County Number

Date Received	☐ 01	☐ 02	☐ 03

84 31697

INTERNATIONAL TECHNOLOGY CORPORATION

Karl H. Peckhaus

Construction Engineer

Regional Office
~~P.O. Box 19724~~ • 17461 Derian Avenue Ste. # 190
Irvine, California 92714
714-261-6441

UGST PERMIT(S) CANNOT PROCESSED WITHOUT A COMPLI D APPLICATION

FOR EACH TANK.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

Department of Environmental Health Services
Hazardous Waste & Toxics Control
385 N. Arrowhead Avenue
San Bernardino, CA 92415-0160
Attention : Marilyn Kraft

STATE ID NUMBER

APPLICATION FOR PERMIT TO OPERATE UNDERGROUND STORAGE TANK

( ) 01 NEW PERMIT ( ) 05 RENEWED PERMIT ( ) 07 TANK CLOSED ( ) 09 DELETE FROM FILE (NO FEE)
( ) 02 CONDITIONAL PERMIT ( ) 06 AMENDED PERMIT ( ) 08 MINOR CHANGE (NO SURCHARGE)

I OWNER

NAME(CORPORATION,INDIVIDUAL OR PUBLIC AGENCY)		PUBLIC AGENCY ONLY ( ) 01 FED ( ) 02 STATE ( ) 03 LOCAL
CALMAT CO.		
STREET ADDRESS	CITY	STATE / ZIP
PO Box 2950 Terminal Annex	Los Angeles	CA 90051

II FACILITY

FACILITY NAME	DEALER/FOREMAN/SUPERVISOR
CALMAT CO	Rawleigh Tougas
STREET ADDRESS	NEAREST CROSS STREET
2400 W Highland Ave	
CITY	COUNTY / ZIP
San Bernardino	San Bernardino 92405
MAILING ADDRESS	CITY / STATE / ZIP
PO Box 2950 Terminal Annex	Los Angeles CA 90051
PHONE W/AREA CODE	TYPE OF BUSINESS
(714) 875-1150	( ) 01 GASOLINE STATION (X) 02 OTHER

NUMBER OF CONTAINERS	RURAL AREAS ONLY :	TOWNSHIP	RANGE	SECTION
1				

III 24 HOUR EMERGENCY CONTACT PERSON

DAYS: NAME(LAST NAME FIRST) AND PHONE W/AREA CODE	NIGHTS: NAME(LAST NAME FIRST) AND PHONE W/AREA CODE
Tougas, Rawleigh (714) 875-1150	Tougas, Rawleigh (800) 282-4924

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV DESCRIPTION

A. (X) 01 TANK ( ) 04 OTHER: — CONTAINER NUMBER

B. MANUFACTURER (IF APPROPRIATE): JOOR — YEAR MFG: 87 — C. YEAR INSTALLED 87 ( ) UNKNOWN

D. CONTAINER CAPACITY: 12,750 GALLONS (X) UNKNOWN — E. DOES THE CONTAINER STORE: (X) 01 WASTE (X) 02 PRODUCT

F. DOES THE CONTAINER STORE MOTOR VEHICLE FUEL OR WASTE OIL ? (X) 01 YES ( ) 02 NO IF YES CHECK APPROPRIATE BOX(ES):
(X) 01 UNLEADED ( ) 02 REGULAR ( ) 03 PREMIUM ( ) 04 DIESEL (X) 05 WASTE OIL (X) 06 OTHER BULK OIL

V CONTAINER CONSTRUCTION

A. THICKNESS OF PRIMARY CONTAINMENT: ( ) GAUGE ( ) INCHES ( ) CM ( ) UNKNOWN

B. ( ) 01 VAULTED (LOCATED IN AN UNDERGROUND VAULT) (X) 02 NON-VAULTED ( ) 03 UNKNOWN

C. (X) 01 DOUBLE WALLED ( ) 02 SINGLE WALLED ( ) 03 LINED

D. (X) 01 CARBON STEEL ( ) 02 STAINLESS STEEL ( ) 03 FIBERGLASS ( ) 04 POLYVINYL CHLORIDE ( ) 05 CONCRETE
( ) 06 ALUMINUM ( ) 07 STEEL CLAD ( ) 08 BRONZE ( ) 09 COMPOSITE ( ) 10 NON-METALLIC
( ) 12 UNKNOWN ( ) 13 OTHER:

STATE ID NUMBER

CONTAINER CONSTRUCTION

E. ( ) 01 RUBBER LINED ( ) 02 ALKYD LINING ( ) 03 EPOXY LINING ( ) 04 PHENOLIC LINING ( ) 05 GLASS LINING
(X) 07 UNLINED ( ) 08 UNKNOWN ( ) 09 OTHER:

F. ( ) 01 POLYETHLENE WRAP ( ) 02 VINYL WRAPPING ( ) 03 CATHODIC PROTECTION ( ) 04 UNKNOWN ( ) 05 NONE
( ) 06 TAR OR ASPHALT (X) 09 OTHER: FIBER GLASS

VI PIPING

A. ABOVEGROUND PIPING: ( ) 01 DOUBLE-WALLED PIPE ( ) 02 CONCRETE-LINED TRENCH ( ) 03 GRAVITY
(CHECK APPROPRIATE BOX(ES) ( ) 04 PRESSURE ( ) 05 SUCTION ( ) 06 UNKNOWN (X) 07 NONE

B. UNDERGROUND PIPING: (X) 01 DOUBLE-WALLED PIPE ( ) 02 CONCRETE-LINED TRENCH ( ) 03 GRAVITY
(CHECK APPROPRIATE BOX(ES) ( ) 04 PRESSURE ( ) 05 SUCTION ( ) 06 UNKNOWN ( ) 07 NONE

VII LEAK DETECTION

( ) 01 VISUAL ( ) 02 STOCK INVENTORY ( ) 04 VAPOR SNIFF WELLS (X) 05 SENSOR INSTRUMENT
( ) 06 GROUND WATER MONITORING WELLS ( ) 07 PRESSURE TEST ( ) 09 NONE ( ) 10 OTHER:

VIII CHEMICAL COMPOSITION OF MATERIALS STORED IN UNDERGROUND CONTAINERS

IF YOU CHECKED YES TO IV-F YOU ARE NOT REQUIRED TO COMPLETE THIS SECTION

CURRENTLY STORED	PREVIOUSLY STORED	DELETE	CASE (IF KNOWN)	CHEMICAL (DO NOT USE COMMERCIAL NAME)
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		

IS CONTAINER LOCATED ON AN AGRICULTURAL FARM? ( ) 01 YES (X) 02 NO

THIS FORM HAS BEEN COMPLETED UNDER THE PENALTY OF PERJURY AND, TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

PERSON FILING (SIGNATURE)	date	PHONE W/AREA CODE
Gary M Stanley	3/17/88	213 258-2777

FOR LOCAL AGENCY USE ONLY

ADMINISTRATING AGENCY	CITY CODE	COUNTY CODE

CONTACT PERSON	PHONE W/AREA CODE

DATE OF LAST INSPECTION	IN COMPLIANCE ( ) 01 YES ( ) 02 NO	PERMIT APPROVAL DATE	TRANSACTION DATE	LOCAL PERMIT ID #

UGST PERMIT(S) CANNOT PROCESSED WITHOUT A COMPL D APPLICATION

FOR EACH TANK.

THIS FORM MUST BE RETURNED WITH YOUR REMITTANCE

Department of Environmental Health Services
Hazardous Waste & Toxics Control
385 N. Arrowhead Avenue
San Bernardino, CA 92415-0160
Attention: Marilyn Kraft

STATE ID NUMBER

APPLICATION FOR PERMIT TO OPERATE UNDERGROUND STORAGE TANK

( ) 01 NEW PERMIT ( ) 05 RENEWED PERMIT ( ) 07 TANK CLOSED ( ) 09 DELETE FROM FILE (NO FEE)
( ) 02 CONDITIONAL PERMIT ( ) 06 AMENDED PERMIT ( ) 08 MINOR CHANGE (NO SURCHARGE)

I OWNER

NAME(CORPORATION,INDIVIDUAL OR PUBLIC AGENCY)	PUBLIC AGENCY ONLY ( ) 01 FED ( ) 02 STATE ( ) 03 LOCAL
CALNAT CO	

STREET ADDRESS	CITY	STATE	ZIP
PO Box 2950 Terminal Annex	Los Angeles	CA	90051

II FACILITY

FACILITY NAME	DEALER/FOREMAN/SUPERVISOR
CALNAT CO	Rawleigh Tougas
STREET ADDRESS: 2400 W Highland Ave	NEAREST CROSS STREET
CITY: San Bernardino	COUNTY: San Bernardino — ZIP: 92405
MAILING ADDRESS: PO Box 2950 Terminal Annex — CITY: Los Angeles — STATE: CA — ZIP: 90051	
PHONE W/AREA CODE: (714) 875-1150	TYPE OF BUSINESS ( ) 01 GASOLINE STATION (X) 02 OTHER

NUMBER OF CONTAINERS	RURAL AREAS ONLY :	TOWNSHIP	RANGE	SECTION
1				

III 24 HOUR EMERGENCY CONTACT PERSON

DAYS: NAME(LAST NAME FIRST) AND PHONE W/AREA CODE	NIGHTS: NAME(LAST NAME FIRST) AND PHONE W/AREA CODE

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV DESCRIPTION

A. (X) 01 TANK ( ) 04 OTHER: — CONTAINER NUMBER

B. MANUFACTURER (IF APPROPRIATE): JOOR — YEAR MFG: 87 — C. YEAR INSTALLED 87 ( ) UNKNOWN

D. CONTAINER CAPACITY: 20,000 GALLONS ( ) UNKNOWN — E. DOES THE CONTAINER STORE: ( ) 01 WASTE (X) 02 PRODUCT

F. DOES THE CONTAINER STORE MOTOR VEHICLE FUEL OR WASTE OIL ? (X) 01 YES ( ) 02 NO IF YES CHECK APPROPRIATE BOX(ES):
( ) 01 UNLEADED ( ) 02 REGULAR ( ) 03 PREMIUM (X) 04 DIESEL ( ) 05 WASTE OIL ( ) 06 OTHER

V CONTAINER CONSTRUCTION

A. THICKNESS OF PRIMARY CONTAINMENT: ( ) GAUGE ( ) INCHES ( ) CM ( ) UNKNOWN

B. ( ) 01 VAULTED (LOCATED IN AN UNDERGROUND VAULT) (X) 02 NON-VAULTED ( ) 03 UNKNOWN

C. (X) 01 DOUBLE WALLED ( ) 02 SINGLE WALLED ( ) 03 LINED

D. (X) 01 CARBON STEEL ( ) 02 STAINLESS STEEL ( ) 03 FIBERGLASS ( ) 04 POLYVINYL CHLORIDE ( ) 05 CONCRETE
( ) 06 ALUMINUM ( ) 07 STEEL CLAD ( ) 08 BRONZE ( ) 09 COMPOSITE ( ) 10 NON-METALLIC
( ) 12 UNKNOWN ( ) 13 OTHER:

STATE ID NUMBER

CONTAINER CONSTRUCTION

E. ( ) 01 RUBBER LINED ( ) 02 ALKYD LINING ( ) 03 EPOXY LINING ( ) 04 PHENOLIC LINING ( ) 05 GLASS LINING
(X) 07 UNLINED ( ) 08 UNKNOWN ( ) 09 OTHER:

F. ( ) 01 POLYETHLENE WRAP ( ) 02 VINYL WRAPPING ( ) 03 CATHODIC PROTECTION ( ) 04 UNKNOWN ( ) 05 NONE
( ) 06 TAR OR ASPHALT (X) 09 OTHER: FIBER GLASS

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A. ABOVEGROUND PIPING: ( ) 01 DOUBLE-WALLED PIPE ( ) 02 CONCRETE-LINED TRENCH ( ) 03 GRAVITY
(CHECK APPROPRIATE BOX(ES) ( ) 04 PRESSURE ( ) 05 SUCTION ( ) 06 UNKNOWN (X) 07 NONE

B. UNDERGROUND PIPING: (X) 01 DOUBLE-WALLED PIPE ( ) 02 CONCRETE-LINED TRENCH ( ) 03 GRAVITY
(CHECK APPROPRIATE BOX(ES) (X) 04 PRESSURE ( ) 05 SUCTION ( ) 06 UNKNOWN ( ) 07 NONE

VII LEAK DETECTION

( ) 01 VISUAL ( ) 02 STOCK INVENTORY ( ) 04 VAPOR SNIFF WELLS (X) 05 SENSOR INSTRUMENT
( ) 06 GROUND WATER MONITORING WELLS ( ) 07 PRESSURE TEST ( ) 09 NONE ( ) 10 OTHER:

VIII CHEMICAL COMPOSITION OF MATERIALS STORED IN UNDERGROUND CONTAINERS

IF YOU CHECKED YES TO IV-F YOU ARE NOT REQUIRED TO COMPLETE THIS SECTION

CURRENTLY STORED	PREVIOUSLY STORED	DELETE	CASR (IF KNOWN)	CHEMICAL (DO NOT USE COMMERCIAL NAME)
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		
( ) 01	( ) 02	( ) 03		

IS CONTAINER LOCATED ON AN AGRICULTURAL FARM? ( ) 01 YES (X) 02 NO

THIS FORM HAS BEEN COMPLETED UNDER THE PENALTY OF PERJURY AND, TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT.

PERSON FILING (SIGNATURE)	date	PHONE W/AREA CODE
Jay M Ang	3/17/88	213 258-2777

FOR LOCAL AGENCY USE ONLY

ADMINISTRATING AGENCY	CITY CODE	COUNTY CODE

CONTACT PERSON	PHONE W/AREA CODE

DATE OF LAST INSPECTION	IN COMPLIANCE ( ) 01 YES ( ) 02 NO	PERMIT APPROVAL DATE	TRANSACTION DATE	LOCAL PERMIT ID #

POST THIS CARD AT JOB SITE

SAN BERNARDINO COUNTY FIRE DEPARTMENT/CUPA
OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 SOUTH "E" STREET
SAN BERNARDINO, CA 92415-0153

LOG # 06260601 JOB CARD Nº 8481

INSTALL

REMOVE

INSTALL

CONSTRUCTION AND/OR REMOVAL OF UNDERGROUND STORAGE FACILITY

Site Name Vulcan Materials
Address 9700 W. Highland Ave
Contractor Pacific Systems
Address/Phone 38330 Via La Paloma | 951-677-0704

	INSPECTION RECORD	APPROVED	DATE
FIRST INSPECTION	Excavation Clean, Approved Slope		
	Bedding		
	Holiday/Soap Test, Tanks Set X		
	Manufacturer's UL #		
	Additional Requirements		
	DO NOT BACKFILL UNTIL ABOVE APPROVED		
SECOND INSPECTION	Tank Air Test 5 PSI/30 Minutes		
	Vent/Vapor Lines		
	Products Lines 75 PSI/30 Minutes	OK C Armstrong	10-18-06
	Product Line Containment	OK	
	Metal Piping Wrapped		
	~~Sumps~~, Dispenser Pans Water Test	OK	OK
THIRD INSPECTION	Approved Fill Boxes		
	Concrete or AC Paving 12" Beyond		
	Leak Detectors/Monitors		
	Lockable Fluid-Tight Access for Monitoring		
	Precision Test Results		
	Dispenser Containment		
	Emergency Shut-off		
	Additional Requirements		
REQUIRED PRIOR TO OPERATING	Business Plan		
	Monitoring Plan		
	Financial Responsibility		

FINAL APPROVAL AND CURRENT OPERATING PERMITS MUST BE OBTAINED PRIOR TO PLACING THESE TANKS INTO SERVICE ($5,000.00 FINE FOR NONCOMPLIANCE)

TANK REMOVAL INSPECTION	Tank(s) Removed X		
	Required Samples: 8020, 8015, MTBE, 418.1		
	Lead (pb) 7421 or ICP 6010, Metals EPA PP13		
	Additional Test Requirements		
	Removals Cannot be Finaled Until a Signed Copy of the Sample Results Have Been Received and Approved by this Department.		
	Final — Approved for Backfill		

Remarks: Soil sampling beneath dispensers C Richards 10/13/06
35 samples

FAILURE TO PROTECT AND MAINTAIN THIS CARD MAY RESULT IN JOB DELAY.
PRESERVE THIS RECORD OF INSPECTIONS.

FOR INSPECTION CALL 48 HOURS IN ADVANCE AT (909) 386-8464

THIS PERMIT EXPIRES _____

☐ PETROLEUM ☐ WASTE OIL ☐ OTHER

14-16867-670 Rev. 2/03

DISTRIBUTION: White — County Fire Department
Green — Contractor/Owner

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION — FIELD SERVICES/ENVIRONMENTAL PROTECTION
620 South E Street, San Bernardino, CA 92415-0153

UNDERGROUND TANK CONSTRUCTION/ MODIFICATION APPLICATION

$ _____ First Tank

$ _____ Each Additional Tank

TANK INSTALLATION ☐
PIPING ONLY ☐
MODIFICATION ☑

JOB LOCATION

VULCAN MATERIALS — DARRYL CHARLESTON — (909) 875-1150
Facility Name and Contact Person — Phone No.

2400 W. HIGHLAND AVE — SAN BERNARDINO — 92407
Situs Address — City — Zip Code

Fire — Water/Sewer Agency

PROPERTY OWNER

VULCAN MATERIALS — (909) 875-1150
Name — Phone No.

2400 W. HIGHLAND AVE — SAN BERNARDINO — 92407
Mailing Address — City — Zip Code

Owner's Representative — Phone No.

TANK OWNER

VULCAN MATERIALS — (909)-875-1150
Name — Phone No.

2400 W. HIGHLAND AVE — SAN BERNARDINO — 92407
Mailing Address — City — Zip Code

TANK DATA

Construction	Size	Contents	U.L. Number

CONTRACTOR

PACIFIC SYSTEM ELECTRIC — DENNIS MINNOCK — (951) 677-0704
Company Name — Contact Person — Phone No.

38330 VIA LA PALOMA — MURRIETA — 92563
Mailing Address — City — Zip Code

STATE COMP. INS FUND — 27195
Workman's Comp Insurance Carrier — Policy No.

561275 — A-Haz — 7/31/07
State Contractor's License No. — Types of Licenses — Expiration Date

JEFF HENLEY — (714) 313-9140
Print Name Clearly — Phone

Signature — 6/24/06
Date

OFFICE USE ONLY

New Facility ☐

Permitted Facility ☑ Yes ☐ No — FA0001676 — Facility ID Number

Number of Tanks: 4

Permits Current ☑ Yes ☐ No — 7/31/06 — Expiration Date

715.00 — Permit Fee Paid
Check Number ### 111
Date Paid 06/26/06
Taken by Carleen Rios
Log Number 062606-01

28875 — Receipt Number
8486 — Job Card Number

SAN BERNARDINO COUNTY FIRE DEPARTMENT
CIAL DISTRICTS

RECEIPT 11639

DIVISION Haz-Mat DATE 6-06-03

RECEIVED FROM J. Dennis Minnick $ 584.00

Five Hundred Eighty four and no/100 —DOLLARS

ESTABLISHMENT / ACCOUNTS / CONTRACT # FA0001674

DESCRIPTION	FUND-DEPT-ORG-REVENUE	GRC#	AMOUNT
4110	SKX10615596800	Mod	584.00
# 6541	Vulcan Materials Co. 2400 W. Highland San Bernardino		

POST THIS CARD AT JOB SITE

SAN BERNARDINO COUNTY FIRE DEPARTMENT/CUPA
OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 SOUTH "E" STREET
SAN BERNARDINO, CA 92415-0153

LOG # 040403-01 **JOB CARD** Nº 7190

~~INSTALL~~ REMOVE

Mod

CONSTRUCTION AND/OR REMOVAL OF UNDERGROUND STORAGE FACILITY

Site Name Vulcan Materials/Cal Mat, CO
Address 2400 W. Highland Ave, San Bernardino
Contractor Pacific Systems Electric
Address/Phone Dennis Minnock 714-713-9529

	INSPECTION RECORD	APPROVED	DATE
FIRST INSPECTION	Excavation Clean, Approved Slope		
	Bedding		
	Holiday/Soap Test, Tanks Set X		
	Manufacturer's UL #		
	Additional Requirements		
	DO NOT BACKFILL UNTIL ABOVE APPROVED		
SECOND INSPECTION	Tank Air Test 5 PSI/30 Minutes		
	Vent/Vapor Lines		
	Products Lines 75 PSI/30 Minutes		
	Product Line Containment		
	Metal Piping Wrapped		
	Sumps, Dispenser Pans Water Test		
THIRD INSPECTION	Approved Fill Boxes		
	Concrete or AC Paving 12" Beyond		
	Leak Detectors/Monitors		
	Lockable Fluid-Tight Access for Monitoring		
	Precision Test Results		
	Dispenser Containment		
	Emergency Shut-off		
	Additional Requirements		
REQUIRED PRIOR TO OPERATING	Business Plan		
	Monitoring Plan		
	Financial Responsibility		

FINAL APPROVAL AND CURRENT OPERATING PERMITS MUST BE OBTAINED PRIOR TO PLACING THESE TANKS INTO SERVICE ($5,000.00 FINE FOR NONCOMPLIANCE)

TANK REMOVAL INSPECTION	Tank(s) Removed X _____		
	Required Samples: 8020, 8015, MTBE, 418.1		
	Lead (pb) 7421 or ICP 6010, Metals EPA PP13		
	Additional Test Requirements		
	Removals Cannot be Finaled Until a Signed Copy of the Sample Results Have Been Received and Approved by this Department.		
	Final — Approved for Backfill		

Remarks:

FAILURE TO PROTECT AND MAINTAIN THIS CARD MAY RESULT IN JOB DELAY.
PRESERVE THIS RECORD OF INSPECTIONS.

FOR INSPECTION CALL 48 HOURS IN ADVANCE AT (909) 386-8464

THIS PERMIT EXPIRES March 2004

☐ PETROLEUM ☐ WASTE OIL ☐ OTHER

14-16867-670 Rev. 2/03

DISTRIBUTION: *White — County Fire Department*
Green — Contractor/Owner

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION — FIELD SERVICES/ENVIRONMENTAL PROTECTION
620 South E Street, San Bernardino, CA 92415-0153

UNDERGROUND TANK CONSTRUCTION/ MODIFICATION APPLICATION

$ 584.00 First Tank

$ _____ Each Additional Tank

TANK INSTALLATION ☐
PIPING ONLY ☐
MODIFICATION ☒

JOB LOCATION

VULCAN MATERIALS CO. — TONY VARISCO — 619.225.6280
Facility Name and Contact Person — Phone No.

2400 W HIGHLAND AVE — SAN BERNARDINO — 92407
Situs Address — City — Zip Code

SBCoFD — _____
Fire — Water/Sewer Agency

PROPERTY OWNER

VULCAN MATERIALS CO. — 619.225.6280
Name — Phone No.

PO BOX 3098 — SAN DIEGO CA — 92163-3098
Mailing Address — City — Zip Code

TONY VARISCO — 619.225.6280
Owner's Representative — Phone No.

TANK OWNER

VULCAN MATERIALS CO. — 619.225.6280
Name — Phone No.

P.O. BOX 3098 — SAN DIEGO CA — 92163-3098
Mailing Address — City — Zip Code

TANK DATA

Construction	Size	Contents	U.L. Number
FG/STEEL	3,000 GAL	WASTE OIL	

CONTRACTOR

PACIFIC SYSTEMS ELECTRIC — DENNIS MINNOCK — 714.713.9529
Company Name — Contact Person — Phone No.

38330 VIA LA PALOMA — MURRIETA — 92563
Mailing Address — City — Zip Code

CLAREADON NATIONL INSURANCE CO — 04KR00228800
Workman's Comp Insurance Carrier — Policy No.

561775 — A- GENERAL ENGINEERING, C-10 ELEC. — 7/31/03
State Contractor's License No. — Types of Licenses — Expiration Date

DENNIS MINNOCK — 714.713.9529
Print Name Clearly — Phone

Signature — JUNE 6, 2003
Signature — Date

OFFICE USE ONLY

New Facility ☐

Permitted Facility ☑ Yes ☐ No — 11676 Facility ID Number

Number of Tanks 4

Permits Current ☑ Yes ☐ No — 7.31.03 Expiration Date

584.00 / 11639
Permit Fee Paid / Receipt Number

11605
Check Number

6.06.03
Date Paid

Taken by

0000003801 — 7190
Log Number — Job Card Number

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/2002

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $1,268.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 4

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

FILE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/2002

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8702260927

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANK STATE FEE

FEE PAID $32.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 4

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

FILE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
ANNUAL INVOICE FOR PERMIT FEES DUE

Establishment No. **86008958**

ANNUAL INVOICE

06/29/2001

Element Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	07/31/2001	08/01/2001-07/31/2002	1,268.00
8702260927	222801	07/31/2001	08/01/2001-07/31/2002	32.00
8701071107	226011	07/31/2001	08/01/2001-07/31/2002	580.00
9709099832	227001	07/31/2001	08/01/2001-07/31/2002	10.00
8610290005	228707	07/31/2001	08/01/2001-07/31/2002	279.00

PAID
DATE: 8-28-01
REC: 2186
CE

BILL TO: CAL MAT CO.
ATTN: TOM LOWRY
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

DBA: CAL MAT CO.

TOTAL AMOUNT DUE: 2,169.00

ALL FEES ARE DUE AND PAYABLE UPON RECEIPT

SAN B[redacted]NARDINO COUNT[redacted]RE DEPARTMENT
SPECIAL DIS[redacted]CTS

RECEIPT 2180

DIVISION Hz mat DATE 8-28-01

RECEIVED FROM Vulcan $1109 —

ten Thousand one hundred nine DOLLARS

ESTABLISHMENT / ACCOUNTS / CONTRACT # _____

DESCRIPTION	FUND-DEPT-ORG-REVENUE	GRC#	AMOUNT
Permits	SKX 10 2155 9415		1608 —
State fees	NHH 10 2 106 9990	Cal Eph	20 —
State fees	NRT 10 2 106 9990	Mgst	32 —
Refund	SKX 10 2 155 9990	101 Refu	1556 —
	86008958		
	8601431		
	86009344 (Refunded)		
GRAND TOTAL			$1109.00

PAYMENT TYPE _____, CHECK # 172591

(SIGNATURE) _____ TITLE AHC BOOK # 44

01-20802-670 Rev. 4/01

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8603040060

THIS PERMIT EXPIRES:
07/31/2001

PERMIT

NON-TRANSFERABLE

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TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $737.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 4

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/2000

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 9709099832

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - STATE MANDATED FACILITY SERVICE FEE

FEE PAID $10.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

FILE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/2000

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8610290005

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - SPECIAL GENERATOR

FEE PAID $247.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Richard W. Lewis
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

FILE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/2000

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86008958 PERMIT - 8701071107

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - HAZARDOUS MATERIAL HANDLER, 26-50 EMPLOYEES

FEE PAID $514.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR EMPLS - 35

Richard Lewis
Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

FILE COPY

POST IN A CONSPICUOUS PLACE

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO, CALIFORNIA

THIS PERMIT EXPIRES:
07/31/2000

CAL MAT CO.
2400 HIGHLAND AVE
SAN BERNARDINO, CA 92405
EST - 86C08958 PERMIT - 860304006C

PERMIT

NON-TRANSFERABLE

This permit may be suspended or revoked by the County Fire Department for cause. This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force by the United States Government, the State of California, the County of San Bernardino, and/or applicable cities pertaining to the above mentioned business. Penalty fees are assessed on permits renewed 30 days after expiration date indicated above, or for failure to obtain new permit in case of transfer of ownership.

TYPE OF PERMIT - UNDERGROUND STORAGE TANKS

FEE PAID $737.00

CAL MAT CO.
DBA: CAL MAT CO.
P O BOX 2950/TRMNL ANNEX
LOS ANGELES, CA 90051

NBR TANKS - 4

Director
COUNTY FIRE CHIEF/FIRE WARDEN

04-1804-631 REV. 8/95

PERMIT DOES NOT IMPLY APPROVAL

POST IN A CONSPICUOUS PLACE

FILE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
ANNUAL INVOICE FOR PERMIT FEES DUE

POSTED 8/18/99

ANNUAL INVOICE

06/29/1999

PAID 50
Amt. 1549
Date 8-18-99
By dl

Establishment No. **86008958**

Element Number	Category	Exp. Date	For the Period of	Amount Due
8603040060	222800	07/31/1999	08/01/1999-07/31/2000	737.00
8701071107	226011	07/31/1999	08/01/1999-07/31/2000	514.00
9709099832	227001	07/31/1999	08/01/1999-07/31/2000	10.00
9806096082	227023	07/31/1999	08/01/1999-07/31/2000	41.50 — Refund
8610290005	228707	07/31/1999	08/01/1999-07/31/2000	247.00

Refund $41.50

BILL TO: CAL MAT CO.
ATTN: TOM LOWRY
P O BOX 2950/TRMNL ANNEX

DBA: CAL MAT CO.

Office SB Co Fire — San Bernardino County

, Calif., 8-18 19 99

ORIGINAL
1586038

RECEIVED FROM Vulcan Materials $ 2761.50

Two Thousand seven hundred sixty one + 50/100 DOLLARS

Court _____ Case Name _____ vs. _____

NATURE OF FEES		
SKX106 155944/5	2700	00
NUH 106 106 9990	20	00
SKX106155 9970 Ryo	41	50
13819		
☐ CASH ☒ CHECK ☐ MONEY ORDER	2761.	50

Case No. 86008958 86009344

Cindy Eells
(SIGNATURE)

A/C T
(TITLE)

01-188A-123 REV. 3-80

10-83

MONITORING SYSTEM CERTIFICATION

FA0001676

Fi e By All Jurisdictions Within the State of Cal ia

Authority Cited: - Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Ti.. 3, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

RECEIVED
JUL 26 2007

A. General Information

Facility Name:	Vulcan Materials Company			Bldg. No:	S.B. CO. FIRE DEPT.
Site Address:	2400 West Highland Ave.	City:	San Bernardino	Zip:	92407
Facility Contact Person:	Matt Branstetter	Contact Phone No.:	909.875.1150		
Make/Model of Monitoring System:	Veeder Root TLS 350	Date of Testing/Servicing:	7/18/2007		

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced

Tank ID: 20,000 gallon - DSL			**Tank ID:** 10,000 gallon DSL		
☑ In-Tank Gauging Probe.	Model:	847390-107	☑ In-Tank Gauging Probe	Model:	847390-107
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☑ Piping Sump / Trench Sensor(s).	Model:	794380-208	☑ Piping Sump / Trench Sensor(s)	Model:	794380-208
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000	☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP	☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Tank ID: Waste Oil			**Tank ID:** Bulk Oil		
☐ In-Tank Gauging Probe.	Model:		☐ In-Tank Gauging Probe	Model:	
☐ Annular Space or Vault Sensor	Model:		☐ Annular Space or Vault Sensor.	Model:	
☐ Piping Sump / Trench Sensor(s).	Model:		☐ Piping Sump / Trench Sensor(s)	Model:	
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☐ Mechanical Line Leak Detector	Model:		☐ Mechanical Line Leak Detector	Model:	
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	794390-420	☑ Tank Overfill / High-Level Sensor	Model:	794390-420
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Dispenser ID: 1			**Dispenser ID:** 2		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☑ Dispenser Containment Sensor(s).	Model:	794380-208
☑ Shear Valve(s).			☑ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID: 3			**Dispenser ID:**		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☐ Dispenser Containment Sensor(s).	Model:	
☑ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID:			**Dispenser ID:**		
☐ Dispenser Containment Sensor(s).	Model:		☐ Dispenser Containment Sensor(s).	Model:	
☐ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply):* ☑ **System Setup** ☑ **Alarm History Report**

Technician Name(print):	Arthur Johnson	Signature:	
Certification No:	A25791	License. No:	524030-UT
Testing Company Name:	Pacific Systems Electric, Inc.	Phone No:	951.698.0704
Site Address:	38330 Via La Paloma, CA 92563		

Monitoring System Certification

LLD

D. Results of Testing/Servicing

Software Version Installed: 17.0

Complete the following checklist:

☑ Yes	☐ No*	Is the audible alarm operational?
☑ Yes	☐ No*	Is the visual alarm operational?
☑ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No*	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem)
	☑ N/A	operational?
☑ Yes	☐ No*	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment
	☐ N/A	monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: -which sensors initiate
		positive shut-down? *(Check all that apply)* ☑ Sump/Trench Sensors; ☑ Dispenser Containment Sensors.
		Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☑ Yes ☐ No
☐ Yes	☐ No*	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no
	☑ N/A	mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank
		fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger?
☐ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment
		replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)*
		☐ Product ☐ Water If yes, describe causes in Section E, below.
☑ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: The 10,000 gallon diesel, bulk oil and waste oil tank is a three compartment split tank sharing a common annular sensor.

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☑ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☑ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☑ Yes	☐ No*	Was accuracy of system product level readings tested?
☑ Yes	☐ No*	Was accuracy of system water level readings tested?
☑ Yes	☐ No*	Were all probes reinstalled properly?
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed

Complete the following checklist:

☑ Yes	☐ No*	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance?
	☐ N/A	*(Check all that apply)* Simulated leak rate: ☑ 3 g.p.h.; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☑ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☑ Yes	☐ No*	Was the testing apparatus properly calibrated?
☑ Yes	☐ No*	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
	☐ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
	☑ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled
	☑ N/A	or disconnected?
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system
	☑ N/A	malfunctions or fails a test?
☐ Yes	☐ No*	For electronic LLDs, have all accessible wiring connections been visually inspected?
	☑ N/A	
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials Company	Date of Testing:	7/18/2007
Facility Address:	2400 W Highland Ave, San Bernardino, CA 92407		
Facility Contact:	Matt Branstetter	Phone:	909.875.1150
Date Local Agency Was Notified of Testing :			
Name of Local Agency Inspector *(if present during testing)*:			

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric, Inc.
Technician Conducting Test:	Arthur Jones
Credentials[1]:	☑ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s):	561275 Gen A, 52540930-UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	☑ Hydrostatic	☐ Vacuum	☐ Other	
Test Equipment Used: Visual observation per standard for contained spill buckets.			Equipment Resolution:	
Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**1 20,000 DSL Fill**	**2 10,000 DSL Fill**	**3 Bulk Oil Fill**	**4 Waste Oil Fill**
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump
Bucket Diameter:	12"	12"	11"	12"
Bucket Depth:	12"	12"	16"	18"
Wait time between applying vacuum/water and start of test:	30 min	30 min	30 min	30 min
Test Start Time (T_I):	9:38	9:38	9:38	9:38
Initial Reading (R_I):	7"	6"	9"	8"
Test End Time (T_F):	10:38	10:38	10:38	10:38
Final Reading (R_F):	7"	6"	9"	4"
Test Duration ($T_F - T_I$):	60 min	60 min	60 min	60 min
Change in Reading ($R_F - R_I$):	0	0	0	4"
Pass/Fail Threshold or Criteria:	No Loss	No Loss	No Loss	No Loss
Test Result:	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☐ **Pass** ☑ **Fail**	☑ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Bulk oil spill bucket removed and riser caped. Bulk Oil tank is part of 3-compartment split tank not being used.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: Arthur Johnson Date: July 18, 2007

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

Pacific Systems Electric

38330 Via La Paloma
Murrieta CA 92563
California State License No. 561275

Servicing the Petroleum Industry Since 1989

Mechanical Leak Detectors Test Results

Facility Name: Vulcan Materials Company	**Inspector:**
Address: 2400 W Highland Ave.	**Number of Lines** 2
San Bernardino, CA 92407	**Type:** Mechanical
	Date: 07-18-07

Line Number	20,000 DSL	10,000 DSL
Test Method:	R.J. FTA	R.J. FTA
Product:	DSL	DSL
Manufacturer:	VMI	VMI
MLLD Model:	99LD2000	99LD2000
Serial Number:	42681	42680
Line Drain Back (ml):	184	166
L/D Trip Time: (sec)	2	2
Holding Pressure (psi):	29	28
Metering Pressure (psi):	10	9
Leak Rate: (gph)	3.0	3.0
L/D Result:	**Pass**	**Pass**

Tester: Arthur Johnson
5240930-UT

PACIFIC SYSTEMS ELECTRIC, INC.
38330 Via La Paloma
Murrieta, CA 92563



San Bernardino County Fire
Hazardous Materials Division
Underground Storage of Hazardous Materials
620 S. E. Street
San Bernardino, CA 92415-0153

92415+0153

FA0001676

July 18, 2007

Vulcan Materials Co
2400 W. Highland
San Bernardino CA 92407

San Bernardino Co. F.D.
Haz Mat Division
620 S. "E" St.
San Bernardino CA 92415

Subject: UST Business Plan

Please find the attached plan, hand delivered July 18, 2007, for the plan year starting June 28, 2007. If you should have any questions please call the undersigned.

Dennis Minnock
Pacific Systems Electric
714 714-983-9529

RECEIVED
JUL 18 2007
S.B. CO. FIRE DEPT.
LLD

UNDERGROUND STORAGE TANK

RESPONSE PLAN – PAGE 1

(One form per facility)

TYPE OF ACTION ☐ 1. NEW PLAN ☑ 2. CHANGE OF INFORMATION R01.

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)*

BUSINESS NAME (Same as FACILITY NAME) R02.
VULCAN MATERIALS COMPANY

BUSINESS SITE ADDRESS R03.
2400 WEST HIGHLAND

CITY R04.
SAN BERNARDINO

II. SPILL CONTROL AND CLEANUP METHODS

This plan addresses unauthorized releases from UST systems and supplements the emergency response plans and procedures in the facility's Hazardous Materials Business Plan.

- If safe to do so, facility personnel will take immediate measures to control or stop any release (e.g., activate pump shut-off, etc.) and, if necessary, safely remove remaining hazardous material from the UST system.
- Any release to secondary containment will be pumped or otherwise removed within a time consistent with the ability of the secondary containment system to contain the hazardous material, but not greater than 30 calendar days, or sooner if required by the local agency. Recovered hazardous materials, unless still suitable for their intended use, will be managed as hazardous waste.
- Absorbent material will be used to contain and clean up manageable spills of hazardous materials. Absorbent material may be reused until it becomes too saturated to be effective. It will then be managed properly. Used absorbent material, reusable or waste, will be stored in a properly labeled and sealed container.
- Facility personnel will determine whether any water removed from secondary containment systems, or from clean-up activity, has been in contact with any hazardous material. If the water is contaminated, it will be managed as hazardous waste. If the water has a petroleum sheen (i.e., rainbow colors), it is contaminated. A thick floating petroleum layer may not necessarily display rainbow colors. Water (hazardous or non-hazardous) from sumps, spill containers, etc. will not be disposed to storm water systems.
- We will review secondary containment systems for possible deterioration if any of the following conditions occur:
  1. Hazardous material in contact with secondary containment is not compatible with the material used for secondary containment;
  2. Secondary containment is prone to damage from any equipment used to remove or clean up hazardous material collected in secondary containment;
  3. Hazardous material, other than the product/waste stored in the primary containment system, is placed inside secondary containment to treat or neutralize released product/waste, and the added material or resulting material from such a combination is not compatible with secondary containment.

III. SPILL CONTROL AND CLEAN-UP EQUIPMENT

PERIODIC MAINTENANCE: Spill control and clean-up equipment kept permanently on-site is listed in the facility's Hazardous Materials Business Plan. This equipment is inspected at least monthly, and after each use, supplies are replenished as needed. Defective equipment is repaired or replaced as necessary.

EQUIPMENT NOT PERMANENTLY ON-SITE, BUT AVAILABLE FOR USE IF NEEDED: *(Complete only if applicable)*

EQUIPMENT	LOCATION	AVAILABILITY
R10	R20	R30
R11	R21	R31
R12	R22	R32
R13	R23	R33
R14	R24	R34
R15	R25	R35

IV. RESPONSIBLE PERSONS

THE FOLLOWING PERSON(S) IS/ARE RESPONSIBLE FOR AUTHORIZING ANY WORK NECESSARY UNDER THIS RESPONSE PLAN:

NAME	TITLE
Matt Branstetter R40.	Plant Manager R50.
Floyd Sibole R41.	Plant Supervisor R51.
R42.	R52.
R43	R53

V. INDIRECT HAZARD DETERMINATION

This information is required only when the presence of the hazardous substance can not be verified directly by the monitoring method used (e.g., where liquid level measurements in a tank annular space or secondary piping are used as the basis for leak determination).

THE FOLLOWING STEPS WILL BE TAKEN TO VERIFY THE PRESENCE OR ABSENCE OF HAZARDOUS SUBSTANCE IN THE SECONDARY CONTAINMENT IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE:

R60.

RECEIVED
JUL 18 2007
S.B. CO. FIRE DEPT.

UNDERGROUND STORAGE TANK

RESPONSE PLAN – PAGE 2

VI. LEAK INTERCEPTION AND DETECTION SYSTEM

This information is required only for motor vehicle fuel UST systems constructed per the Alternate Construction Requirements of 23 CCR §2633, and only if the Leak Interception and Detection System (LIDS) does not meet the volumetric requirements of 23 CCR §2631(d)(1) through (5) (i.e., when accounting for rainfall and backfill material, the secondary containment volume is less than 100% of primary tank volume for a single UST; or in the case of multiple USTs in shared secondary containment, 150% of the largest primary tank volume or 10% of aggregate primary tank volume, whichever is greater).

ATTACH AN ADDITIONAL PAGE TO THIS PLAN CONTAINING THE FOLLOWING INFORMATION:

- The volume of the LIDS in relation to the volume of the primary container;
- The amount of time the LIDS shall provide containment related to the time between detection of an unauthorized release and cleanup of the leaked substance;
- The depth from the bottom of the LIDS to the highest anticipated level of groundwater;
- The nature of the unsaturated soils under the LIDS and their ability to absorb contaminants or to allow movement of contaminants;
- The methods and scheduling for removal of all hazardous substances which may have been discharged from primary containment and are located in the unsaturated soils between the primary containment and groundwater, including the LIDS sump.

VII. REPORTING AND RECORD KEEPING

We will report/record any overfill, spill, or unauthorized release from a UST system as indicated in this plan.

Recordable Releases: Any unauthorized release from primary containment which the UST operator is able to clean up within eight (8) hours after the release was detected or should reasonably have been detected, and which does not escape from secondary containment, does not increase the hazard of fire or explosion, and does not cause any deterioration of secondary containment, must be recorded in the facility's monitoring records. Monitoring records must include:

- The UST operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous substances released;
- A description of the actions taken to control and clean up the release;
- The method and location of disposal of the released hazardous substances, and whether a hazardous waste manifest was or will be used;
- A description of actions taken to repair the UST and to prevent future releases;
- A description of the method used to reactivate interstitial monitoring after replacement or repair of primary containment.

Reportable Releases: Any overfill, spill, or unauthorized release which escapes from secondary containment (or primary containment if no secondary containment exists), increases the hazard of fire or explosion, or causes any deterioration of secondary containment, is a reportable release. Reportable releases are also recordable.

Within 24 hours after a reportable release has been detected, or should have been detected, we will notify the local agency administering the UST program of the release, investigate the release, and take immediate measures to stop the release. If necessary, or if required by the local agency, remaining stored product/waste will be removed from the UST to prevent further releases or facilitate corrective action. If an emergency exists, we will notify the State Office of Emergency Services.

Within five (5) working days of a reportable release, we will submit to the local agency a full written report containing all of the following information to the extent that the information is known at the time of filing the report:

- The UST owner's or operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous materials released;
- The approximate date of the release;
- The date on which the release was discovered;
- The date on which the release was stopped;
- A description of actions taken to control and/or stop the release;
- A description of corrective and remedial actions, including investigations which were undertaken and will be conducted to determine the nature and extent of soil, ground water or surface water contamination due to the release;
- The method(s) of cleanup implemented to date, proposed cleanup actions, and a schedule for implementing the proposed actions;
- The method(s) and location(s) of disposal of released hazardous materials and any contaminated soils, groundwater, or surface water.
- Copies of any hazardous waste manifests used for off-site transport of hazardous wastes associated with clean-up activity;
- A description of proposed methods for any repair or replacement of UST system primary/secondary containment systems;
- A description of additional actions taken to prevent future releases.

We will follow the reporting procedures described above if any of the following conditions occur:

- A recordable unauthorized release can not be cleaned up or is still under investigation within eight (8) hours of detection;
- Released hazardous substances are discovered at the UST site or in the surrounding area;
- Unusual operating conditions are observed, including erratic behavior of product dispensing equipment, sudden loss of product, or the unexplained presence of water in the tank, unless system equipment is found to be defective and is immediately repaired or replaced, and no leak has occurred;
- Monitoring results from UST system monitoring equipment/methods indicate that a release may have occurred, unless the monitoring equipment is found to be defective and is immediately repaired, recalibrated, or replaced, and additional monitoring does not confirm the initial results.

Record Retention: Monitoring records and written reports of unauthorized releases must be maintained on-site (or off-site at a readily available location, if approved by the local agency) for at least 3 years. Hazardous waste shipping/disposal records (e.g., manifests) must be maintained for at least 3 years from the date of shipment.

VIII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	DATE R70
Dennis Menrick	JUNE 28, 2007
OWNER/OPERATOR NAME (print) R71	OWNER/OPERATOR TITLE R72
DENNIS MENRICK	DESIGNATED TANK OPERATOR

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

UNDERGROUND STORAGE TANK

MONITORING PLAN – PAGE 1

TYPE OF ACTION ☐ 1. NEW PLAN ☑ 2. CHANGE OF INFORMATION

PLAN TYPE (Check one item only) ☑ MONITORING IS IDENTICAL FOR ALL USTs AT THIS FACILITY. ☐ THIS PLAN COVERS ONLY THE FOLLOWING UST SYSTEM(S): _____

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)*

BUSINESS NAME (Same as FACILITY NAME) VULCAN MATERIALS COMPANY M

BUSINESS SITE ADDRESS 2400 W. HIGHLAND M04. CITY SAN BERNARDINO M

II. EQUIPMENT TESTING AND PREVENTIVE MAINTENANCE

State law requires that testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors, probes, line leak detectors, etc.) be performed at the frequency specified by the equipment manufacturers' instructions, or annually, whichever is more frequent, and that such work must be performed by qualified personnel.

MONITORING EQUIPMENT IS SERVICED ☑ 1. ANNUALLY M06. ☐ 99. OTHER (Specify): _____ M0

III. MONITORING LOCATIONS

This monitoring plan must include a Site Plan showing the general tank and piping layouts and the locations where monitoring is performed (i.e., location of each sensor, line leak detector, monitoring system control panel, etc.). If you already have a diagram (e.g., current UST Monitoring Site Plan from a Monitoring System Certification form, Hazardous Materials Business Plan map, etc.) which shows all required information, include it with this plan.

IV. TANK MONITORING

MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S): (Check all that apply) M10.

☑ 1. CONTINUOUS ELECTRONIC MONITORING OF TANK ANNULAR (INTERSTITIAL) SPACE(S) OR SECONDARY CONTAINMENT VAULT(S)

SECONDARY CONTAINMENT IS: ☑ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. VACUUM M11.

PANEL MANUFACTURER: VEEDER ROOT M12. MODEL #: TLS-350 M13.

LEAK SENSOR MANUFACTURER: VEEDER ROOT M14. MODEL #(S): 420 M15.

☐ 2. AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR SINGLE WALL TANK(S)

PANEL MANUFACTURER: _____ M16. MODEL #: _____ M17.

IN-TANK PROBE MANUFACTURER: _____ M18. MODEL #(S): _____ M19.

LEAK TEST FREQUENCY: ☐ a. CONTINUOUS ☐ b. DAILY/NIGHTLY ☐ c. WEEKLY ☐ d. MONTHLY ☐ e. OTHER (Specify): _____ M20. M21.

PROGRAMMED TESTS: ☐ a. 0.1 g.p.h. ☐ b. 0.2 g.p.h. ☐ c. OTHER (Specify): _____ M22. M23.

☑ 3. INVENTORY RECONCILIATION ☑ a. MANUAL PER 23 CCR §2646 ☐ b. STATISTICAL PER 23 CCR §2646.1 M24.

☐ 4. WEEKLY MANUAL TANK GAUGING (MTG) PER 23 CCR §2645

TESTING PERIOD: ☐ a. 36 HOURS ☐ b. 60 HOURS M25.

☐ 5. INTEGRITY TESTING PER 23 CCR §2643.1

TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. BIENNIALLY ☐ c. OTHER (Specify): _____ M26. M27.

☑ 6. VISUAL MONITORING: ☑ a. DAILY ☐ b. WEEKLY

☐ 99. OTHER (Specify): _____ M28.

V. PIPE MONITORING

MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply) M30.

☑ 1. CONTINUOUS MONITORING OF PIPING SUMP(S)/TRENCH(ES) AND OTHER SECONDARY CONTAINMENT

SECONDARY CONTAINMENT IS: ☑ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. VACUUM M31.

PANEL MANUFACTURER: VEEDER ROOT M32. MODEL #: TLS-350 M33.

LEAK SENSOR MANUFACTURER: VEEDER ROOT M34. MODEL #(S): 208 M35.

WILL A PIPING LEAK ALARM TRIGGER AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN? ☑ a. YES ☐ b. NO M36.

WILL FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGER AUTOMATIC PUMP SHUTDOWN? ☑ a. YES ☐ b. NO M37

☐ 2. MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS AND RESTRICTS OR SHUTS OFF PRODUCT FLOW WHEN A LEAK IS DETECTED

MLLD MANUFACTURER(s): VAPORLESS MFG. M38. MODEL #(S): VMI-2000 M39

☐ 3. ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS

ELLD MANUFACTURER(s): _____ M40. MODEL #(S): _____ M41.

PROGRAMMED IN LINE TESTING: ☐ a. MINIMUM MONTHLY 0.2 g.p.h. ☐ b. MINIMUM ANNUAL 0.1 g.p.h. M42.

WILL ELLD DETECTION OF A PIPING LEAK TRIGGER AUTOMATIC PUMP SHUTDOWN? ☐ a. YES ☐ b. NO M43.

WILL ELLD FAILURE/DISCONNECTION TRIGGER AUTOMATIC PUMP SHUTDOWN? ☐ a. YES ☐ b. NO M44

☐ 4. INTEGRITY TESTING

TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. EVERY 3 YEARS ☐ c. OTHER (Specify) _____ M45 M46

☐ 5. VISUAL MONITORING: ☐ a. DAILY ☐ b. WEEKLY ☐ c. MIN. MONTHLY & EACH TIME SYSTEM OPERATED* M47

* Allowed for monitoring of unburied emergency generator fuel piping only per HSC §25281.5(b)(3)

☐ 6. SUCTION PIPING MEETS EXEMPTION CRITERIA PER 23 CCR §2636(a)(3)

☐ 7. NO PRODUCT OR REMOTE FILL PIPING IS CONNECTED TO THE UST(s)

☐ 99. OTHER (Specify) _____ M48

UNDERGROUND STORAGE TANK

MONITORING PLAN – PAGE 2

VI. DISPENSER MONITORING

MONITORING OF AREAS BENEATH DISPENSER(S) IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply) M

☑ 1. CONTINUOUS MONITORING OF UNDER DISPENSER CONTAINMENT (UDC)

PANEL MANUFACTURER: VEEDER ROOT M51. MODEL #: TLS-350 M

LEAK SENSOR MANUFACTURER: VEEDER ROOT M53. MODEL #(S): 208 M5

WILL DETECTION OF A LEAK IN THE UDC TRIGGER AUDIBLE AND VISUAL ALARMS? ☑ a. YES ☐ b. NO M5

WILL A UDC LEAK ALARM TRIGGER AUTOMATIC PUMP SHUTDOWN? ☑ a. YES ☐ b. NO M5

WILL FAILURE/DISCONNECTION OF UDC MONITORING SYSTEM TRIGGER AUTOMATIC PUMP SHUTDOWN? ☑ a. YES ☐ b. NO M5

☐ 2. MECHANICAL CONTINUOS MONITORING (e.g., FLOAT AND CHAIN ASSEMBLY) IN UDC TRIPS SHEAR VALVE IN CASE OF LEAK

MANUFACTURER: _____ M58. MODEL #(S): _____ M59

☐ 3. VISUAL MONITORING DONE: ☐ a. DAILY ☐ b. WEEKLY M60.

☐ 4. NO DISPENSERS

☐ 99. OTHER (Specify) _____ M61.

VII. ENHANCED LEAK DETECTION

☐ 1. WE HAVE BEEN NOTIFIED BY THE STATE WATER RESOURCES CONTROL BOARD THAT WE MUST PERFORM ENHANCED LEAK DETECTION (ELD) FOR THE UST(S) COVERED BY THIS PLAN. PER 23 CCR §2644.1, ELD IS PERFORMED EVERY 36 MONTHS AS REQUIRED M70.

VIII. TRAINING

REFERENCE DOCUMENTS MAINTAINED AT FACILITY (Check all that apply) M80.

1. ☑ THIS UNDERGROUND STORAGE TANK MONITORING PLAN **(Required)**
2. ☑ OPERATING MANUALS FOR ELECTRONIC MONITORING EQUIPMENT **(Required)**
3. ☑ THE FACILITY'S BEST MANAGEMENT PRACTICES **(Required as of January 1, 2005)**
4. ☐ CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS
5. ☐ CALIFORNIA UNDERGROUND STORAGE TANK LAW
6. ☐ STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION: "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION"
7. ☐ SWRCB PUBLICATION: "WEEKLY MANUAL TANK GAUGING FOR SMALL UNDERGROUND STORAGE TANKS"
99. ☑ OTHER (Specify): MONTHLY OR MORE UST INSPECTIONS / TRAINING. M81

Personnel with UST monitoring responsibilities are familiar with all of the above documents relevant to their job duties and can access those documents when needed. By January 1, 2005, this facility will have a "Designated UST Operator" who has passed the California UST Sytem Operator Exam administered by the International Code Council (ICC). By July 1, 2005, and annually thereafter, the "Designated UST Operator" will train facility employees in the proper operation and maintenance of the UST systems. This training will include, but is not limited to, the following:

- Operation of the UST systems in a manner consistent with the facility's best management practices.
- The facility employee's role with regard to the leak detection equipment.
- The facility employee's role with regard to spills and overfills.
- Whom to contact for emergencies and leak detection alarms.

For facility employees hired on or after July 1, 2005, the initial training will be conducted within 30 days of the date of hire.

IX. COMMENTS/ADDITIONAL INFORMATION

Please use this section to include any additional UST system monitoring-related information (e.g., additional information required by your local agency): M85.

X. PERSONNEL RESPONSIBILITIES

AS OF JANUARY 1, 2005, THE "DESIGNATED UST OPERATOR" IDENTIFIED IN SECTION III OF THE CURRENT UST OPERATING PERMIT APPLICATION – FACILITY FORM WILL HAVE ULTIMATE AUTHORITY FOR PERFORMING THE MONITORING ACTIVITIES AND MAINTAINING LEAK DETECTION EQUIPMENT COVERED BY THIS PLAN TITLE 23 CCR § 2715(c), AND WILL PERFORM AND DOCUMENT MINIMUM MONTHLY VISUAL INSPECTIONS OF THE FACILITY'S UST SYSTEMS IN ACCORDANCE WITH TITLE 23 CCR § 2715(c).

XI. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	REPRESENTING	DATE
Dennis Minnick	☑ Owner M90. ☐ Operator	JUNE 28, 2007 M91.
OWNER/OPERATOR NAME (print) M92.		OWNER/OPERATOR TITLE M93.
DENNIS MINNICK		DESIGNATED TANK OPERATOR

(Agency Use Only) This plan has been reviewed and ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature _____ Date _____

Comments/Special Conditions _____

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANKS - FACILITY

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 3. RENEWAL PERMIT ☑ 5. CHANGE OF INFORMATION (Specify change - local use only) UNL TO DSL ☐ 7. PERMANENTLY CLOSED ST
☐ 4. AMENDED PERMIT ☐ 6. TEMPORARY SITE CLOSURE ☐ 8. TANK REMOVED

I. FACILITY / SITE INFORMATION

FACILITY ID # 3 6 0 0 1 1 6 7 6 | SITE NAME (Same as FACILITY NAME or DBA): VULCAN MATERIALS Co.

BUSINESS ADDRESS: 2400 WEST HIGHLAND | CITY: SAN BERNARDINO | ZIP CODE: 92407

NEAREST CROSS STREET 401

BUSINESS TYPE
☐ 1. GAS STATION ☐ 3. FARM ☑ 5. COMMERCIAL
☐ 2. DISTRIBUTOR ☐ 4. PROCESSOR ☐ OTHER 403

FACILITY OWNER TYPE
☑ 1. CORPORATION ☐ 4. LOCAL AGENCY/DISTRICT*
☐ 2. INDIVIDUAL ☐ 5. COUNTY AGENCY*
☐ 3. PARTNERSHIP ☐ 6. STATE AGENCY* ☐ 7. FEDERAL AGENCY*

TOTAL NUMBER OF TANKS ON SITE: 4 (404)

Is facility on Indian Reservation or trustlands? ☐ Yes ☑ No (405)

*If owner of UST is a public agency: name of supervisor of division, section or office which operates the UST. (This is the contact person for the tank records)

II. TANK OPERATOR INFORMATION

TANK OPERATOR NAME: VULCAN MATERIALS Co. (407) | PHONE: 909. 875-1150

MAILING OR STREET ADDRESS: 2400 WEST HIGHLAND

CITY: SAN BERNARDINO (410) | STATE: CA (411) | ZIP CODE: 92407

TANK OPERATOR TYPE
☑ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY / DISTRICT ☐ 5. COUNTY AGENCY ☐ 7. STATE AGENCY ☐ 8. FEDERAL AGENCY (41)

III. TANK OWNER INFORMATION

TANK OWNER NAME: VULCAN MATERIALS Co (414) | PHONE: 909. 875-1150

MAILING OR STREET ADDRESS: 2400 WEST HIGHLAND

CITY: SAN BERNARDINO (417) | STATE: CA (418) | ZIP CODE: 92407 (419)

TANK OWNER TYPE
☑ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY / DISTRICT ☐ 5. COUNTY AGENCY ☐ 7. STATE AGENCY ☐ 8. FEDERAL AGENCY (420)

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 4 4 - 0 1 1 1 5 3 (421) Call (916) 322 - 9669 if questions arise

V. PETROLEUM UST FINANCIAL RESPONSIBILITY

INDICATE METHOD(S)
☑ 1. SELF-INSURED ☐ 2. GUARANTEE ☐ 3. INSURANCE ☐ 4. SURETY BOND ☐ 5. LETTER OF CREDIT ☐ 6. EXEMPTION ☑ 7. STATE FUND ☑ 8. STATE FUND & CFO LETTER ☐ 9. STATE FUND & CD ☐ 10. LOCAL GOV'T MECHANISM ☐ 99. OTHER: (422)

VI. LEGAL NOTIFICATION AND MAILING ADDRESS

Check one box to indicate which address should be used for legal notifications and mailing. Legal notifications and mailings will be sent to the tank owner ONLY, unless box 1 or 2 is checked.
☑ 1. FACILITY ☐ 2. PROPERTY OWNER ☐ 3. TANK OWNER (423)

VII. APPLICANT SIGNATURE

Certification: I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF APPLICANT: Dennis M. Mannock | DATE: JUNE 28, 2007 (424) | PHONE: 909. 875-1150 (425)

NAME OF APPLICANT (print): DENNIS M. MANNOCK (426) | TITLE OF APPLICANT: DESIGNATED TANK OPERATOR (427)

STATE UST FACILITY NUMBER (For local use only) (428) | 1998 UPGRADE CERTIFICATE NUMBER (For local use only) (429)

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UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY SITE CLOSURE
☑ 3. RENEWAL PERMIT ☐ 7. PERMANENTLY CLOSED ON SITE
(Specify reason - for local use only) (Specify change - for local use only) ☐ 8. TANK REMOVED

FACILITY ID # 3 6 0 0 1 1676 1 BUSINESS NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS CO.

BUSINESS ADDRESS 2400 WEST HIGHLAND CITY SAN BERNARDINO ZIP CODE 92407

LOCATION WITHIN SITE (Optional)

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 1 (432) TANK MANUFACTURER JOOR (433) COMPARTMENTALIZED TANK ☐ Yes ☑ No
If "Yes", complete one page for each compartment.

DATE INSTALLED (YEAR/MO) (435) TANK CAPACITY IN GALLONS 20,000 GALLONS (436) NUMBER OF COMPARTMENTS 0

ADDITIONAL DESCRIPTION

II. TANK CONTENTS

TANK USE (439)
☑ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☑ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MID-GRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER

COMMON NAME (from Hazardous Materials Inventory page) (441): RED DYE DIESEL
CAS # (from Hazardous Materials Inventory page):

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only)
☐ 1. SINGLE WALL ☑ 2. DOUBLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 4. SINGLE WALL IN A VAULT ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only)
☑ 1. BARE STEEL ☐ 2. STAINLESS STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 5. CONCRETE ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only)
☐ 1. BARE STEEL ☐ 2. STAINLESS STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 5. CONCRETE ☑ 8. FRP COMPATIBLE W/100% METHANOL ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 10. COATED STEEL ☐ 95. UNKNOWN ☐ 99. OTHER

TANK INTERIOR LINING OR COATING (Check one item only)
☐ 1. RUBBER LINED ☐ 2. ALKYD LINING ☐ 3. EPOXY LINING ☐ 4. PHENOLIC LINING ☐ 5. GLASS LINING ☐ 6. UNLINED ☐ 95. UNKNOWN ☐ 99. OTHER (446) DATE INSTALLED (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply)
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 2. SACRIFICIAL ANODE ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 4. IMPRESSED CURRENT ☐ 95. UNKNOWN ☐ 99. OTHER (448) DATE INSTALLED (For local use only)

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED (450)	TYPE (For local use only) (451)
☑ 1. SPILL CONTAINMENT	1987	
☑ 2. DROP TUBE	1997	
☑ 3. STRIKER PLATE	1987	

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED (452)
☑ 1. ALARM 1997 ☐ 3. FILL TUBE SHUT OFF VALVE 199
☑ 2. BALL FLOAT 1987 ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): (453)
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): (454)
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) (455) _____
ESTIMATED QUANTITY OF SUBSTANCE REMAINING (456) _____ gallons
TANK FILLED WITH INERT MATERIAL? (45) ☐ Yes ☐ No

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TK # 1

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION *(Check all that apply)*

	UNDERGROUND PIPING	ABOVEGROUND PIPING
SYSTEM TYPE	☑ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY
CONSTRUCTION/ MANUFACTURER	☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460 ☑ 2. DOUBLE WALL ☐ 95. UNKNOWN MANUFACTURER JOOR 461	☐ 1. SINGLE WALL ☐ 95. UNKNOWN ☐ 2. DOUBLE WALL ☐ 99. OTHER MANUFACTURER
MATERIALS AND CORROSION PROTECTION *(Check all that apply)*	☐ 1. BARE STEEL ☑ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 95. UNKNOWN ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 5. STEEL W/ COATING ☐ 9. CATHODIC PROTECTION 464	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION ☐ 5. STEEL W/ COATING ☐ 95. UNKNOWN

VII. PIPING LEAK DETECTION *(Check all that apply)(a description of the monitoring program shall be submitted to the local agency.)*

UNDERGROUND PIPING

SINGLE WALL PIPING 465

PRESSURIZED PIPING *(Check all that apply):*

☑ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
☐ 2. MONTHLY 0.2 GPH TEST
☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)

CONVENTIONAL SUCTION SYSTEMS:

☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW:

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

☐ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
- ☑ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
- ☑ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
- ☐ c. NO AUTO PUMP SHUT OFF

☑ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION
☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION
☐ 16. ANNUAL INTEGRITY TEST
☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 46

PRESSURIZED PIPING *(Check all that apply):*

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
☐ 2. MONTHLY 0.2 GPH TEST
☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)
☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS:

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW:

☐ 8. DAILY VISUAL MONITORING
☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

☐ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
- ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
- ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
- ☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LEAK
☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST
☐ 16. ANNUAL INTEGRITY TEST
☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT DATE INSTALLED 468: 1997

☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
☑ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
☐ 4. DAILY VISUAL CHECK
☐ 5. TRENCH LINER / MONITORING
☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR: Dennis Minnick
DATE 470: JUNE 28, 2007
NAME OF OWNER/OPERATOR(print) 471: DENNIS MINNICK
TITLE OF OWNER/OPERATOR 472: DESIGNATED TANK OPERATOR

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UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☑ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY SITE CLOSURE
☐ 3. RENEWAL PERMIT ☐ 7. PERMANENTLY CLOSED ON SITE
(Specify reason - for local use only) UNL TK TO DSL TK (Specify change - for local use only) ☐ 8. TANK REMOVED

FACILITY ID # 3 6 0 0 1 1 6 7 6 | BUSINESS NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS Co.

BUSINESS ADDRESS 2400 WEST HIGHLAND | CITY SAN BERNARDINO | ZIP CODE 92407

LOCATION WITHIN SITE (Optional)

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 2 | 432 | TANK MANUFACTURER 433 JOOR | COMPARTMENTALIZED TANK ☑ Yes ☐ No (If "Yes", complete one page for each compartment.)

DATE INSTALLED (YEAR/MO) 435 1987/03 | TANK CAPACITY IN GALLONS 436 12,000 | NUMBER OF COMPARTMENTS 3 TOTAL

ADDITIONAL DESCRIPTION

II. TANK CONTENTS

TANK USE 439
☑ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☑ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MID-GRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER

COMMON NAME (from Hazardous Materials Inventory page) 441 CLEAR DIESEL #2 | CAS # (from Hazardous Materials Inventory page)

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only)
☐ 1. SINGLE WALL ☑ 2. DOUBLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 4. SINGLE WALL IN A VAULT ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only)
☑ 1. BARE STEEL ☐ 2. STAINLESS STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 5. CONCRETE ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only)
☐ 1. BARE STEEL ☐ 2. STAINLESS STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 5. CONCRETE ☑ 8. FRP COMPATIBLE W/100% METHANOL ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 10. COATED STEEL ☐ 95. UNKNOWN ☐ 99. OTHER

TANK INTERIOR LINING OR COATING (Check one item only)
☐ 1. RUBBER LINED ☐ 2. ALKYD LINING ☐ 3. EPOXY LINING ☐ 4. PHENOLIC LINING ☐ 5. GLASS LINING ☐ 6. UNLINED ☐ 95. UNKNOWN 446 ☐ 99. OTHER | DATE INSTALLED (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply)
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 2. SACRIFICIAL ANODE ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 4. IMPRESSED CURRENT ☐ 95. UNKNOWN ☐ 99. OTHER 448 | DATE INSTALLED (For local use only)

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED 450	TYPE (For local use only) 451
☑ 1. SPILL CONTAINMENT	1987	
☑ 2. DROP TUBE	1997	
☑ 3. STRIKER PLATE	1987	

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☑ 1. ALARM 1997 ☑ 2. BALL FLOAT 1987 ☑ 3. FILL TUBE SHUT OFF VALVE 199 ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): 453
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): 454
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) 455 | ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456 ____ gallons | TANK FILLED WITH INERT MATERIAL? 45 ☐ Yes ☐ No

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TK # 2

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION *(Check all that apply)*

	UNDERGROUND PIPING	ABOVEGROUND PIPING
SYSTEM TYPE	☑ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY
CONSTRUCTION/ MANUFACTURER	☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460 ☑ 2. DOUBLE WALL ☐ 95. UNKNOWN MANUFACTURER SMITH 461	☐ 1. SINGLE WALL ☐ 95. UNKNOWN ☐ 2. DOUBLE WALL ☐ 99. OTHER MANUFACTURER
MATERIALS AND CORROSION PROTECTION *(check all that apply)*	☐ 1. BARE STEEL ☑ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 95. UNKNOWN ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 5. STEEL W/ COATING ☐ 9. CATHODIC PROTECTION 464	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANC ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHE ☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION ☐ 5. STEEL W/ COATING ☐ 95. UNKNOWN

VII. PIPING LEAK DETECTION *(Check all that apply)(a description of the monitoring program shall be submitted to the local agency.)*

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING *(Check all that apply):*

- ☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
- ☐ 2. MONTHLY 0.2 GPH TEST
- ☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)

CONVENTIONAL SUCTION SYSTEMS:

- ☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

- ☐ 7. SELF MONITORING

GRAVITY FLOW:

- ☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

- 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
  - ☑ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
  - ☑ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
  - ☐ c. NO AUTO PUMP SHUT OFF
- ☑ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION
- ☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

- ☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

- ☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
- ☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION
- ☐ 16. ANNUAL INTEGRITY TEST
- ☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 4

PRESSURIZED PIPING *(Check all that apply):*

- ☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
- ☐ 2. MONTHLY 0.2 GPH TEST
- ☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)
- ☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS:

- ☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
- ☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

- ☐ 7. SELF MONITORING

GRAVITY FLOW:

- ☐ 8. DAILY VISUAL MONITORING
- ☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

- 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
  - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
  - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
  - ☐ c. NO AUTO PUMP SHUT OFF
- ☐ 11. AUTOMATIC LEAK
- ☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

- ☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

- ☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
- ☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST
- ☐ 16. ANNUAL INTEGRITY TEST
- ☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT DATE INSTALLED 468: 1997

- ☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
- ☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
- ☑ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
- ☐ 4. DAILY VISUAL CHECK
- ☐ 5. TRENCH LINER / MONITORING
- ☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR: DENNIS MINNOCK	DATE: JUNE 28, 2007 (470)
NAME OF OWNER/OPERATOR (print): DENNIS MINNOCK (471)	TITLE OF OWNER/OPERATOR: DESIGNATED TANK OPERATOR (472)

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UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY SITE CLOSURE
☑ 3. RENEWAL PERMIT ☐ 7. PERMANENTLY CLOSED ON SITE
(Specify reason - for local use only) (Specify change - for local use only) ☐ 8. TANK REMOVED

FACILITY ID # 3 6 0 0 1 1 6 7 6 1 | BUSINESS NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS CO.

BUSINESS ADDRESS 2400 WEST HIGHLAND | CITY SAN BERNARDINO | ZIP CODE 92407

LOCATION WITHIN SITE (Optional)

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 3 (432) | TANK MANUFACTURER JOOR (433) | COMPARTMENTALIZED TANK ☑ Yes ☐ No (If "Yes", complete one page for each compartment.)

DATE INSTALLED (YEAR/MO) 1987/03 (435) | TANK CAPACITY IN GALLONS 45006 GALLONS (436) | NUMBER OF COMPARTMENTS 3 TOTAL

ADDITIONAL DESCRIPTION

II. TANK CONTENTS

TANK USE (439)
☐ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☑ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MID-GRADE UNLEADED ☐ 4. GASOHOL ☑ 99. OTHER WASTE OIL

COMMON NAME (from Hazardous Materials Inventory page) (441): WASTE OIL
CAS # (from Hazardous Materials Inventory page):

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only)
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM
☑ 2. DOUBLE WALL ☐ 4. SINGLE WALL IN A VAULT ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only)
☑ 1. BARE STEEL ☐ 2. STAINLESS STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 5. CONCRETE ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only)
☐ 1. BARE STEEL ☐ 2. STAINLESS STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 5. CONCRETE ☑ 8. FRP COMPATIBLE W/100% METHANOL ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 10. COATED STEEL ☐ 95. UNKNOWN ☐ 99. OTHER

TANK INTERIOR LINING OR COATING (Check one item only)
☐ 1. RUBBER LINED ☐ 2. ALKYD LINING ☐ 3. EPOXY LINING ☐ 4. PHENOLIC LINING ☐ 5. GLASS LINING ☐ 6. UNLINED ☐ 95. UNKNOWN ☐ 99. OTHER (446) DATE INSTALLED (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply)
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 2. SACRIFICIAL ANODE ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 4. IMPRESSED CURRENT ☐ 95. UNKNOWN ☐ 99. OTHER (448) DATE INSTALLED (For local use only)

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED (450)	TYPE (For local use only) (451)
☑ 1. SPILL CONTAINMENT	1997	
☐ 2. DROP TUBE		
☑ 3. STRIKER PLATE	1987	

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED (452)
☑ 1. ALARM 1997 ☐ 3. FILL TUBE SHUT OFF VALVE
☑ 2. BALL FLOAT 1987 ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): (453)
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): (454)
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) (455) | ESTIMATED QUANTITY OF SUBSTANCE REMAINING (456) ____ gallons | TANK FILLED WITH INERT MATERIAL? (45) ☐ Yes ☐ No

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TK # 3
WASTE OIL

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION *(Check all that apply)*

	UNDERGROUND PIPING	ABOVEGROUND PIPING
YSTEM TYPE	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY
ONSTRUCTION/ ANUFACTURER	☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460 ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN MANUFACTURER_____ 461	☐ 1. SINGLE WALL ☐ 95. UNKNOWN ☐ 2. DOUBLE WALL ☐ 99. OTHER MANUFACTURER_____
IATERIALS AND ORROSION ROTECTION *check all that apply)*	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 95. UNKNOWN ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 5. STEEL W/ COATING ☐ 9. CATHODIC PROTECTION 464	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANC ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHE ☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION ☐ 5. STEEL W/ COATING ☐ 95. UNKNOWN

VII. PIPING LEAK DETECTION *(Check all that apply)(a description of the monitoring program shall be submitted to the local agency.)*

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING *(Check all that apply):*

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
☐ 2. MONTHLY 0.2 GPH TEST
☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)

CONVENTIONAL SUCTION SYSTEMS:

☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW:

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

☐ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
- ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
- ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
- ☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION
☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION
☐ 16. ANNUAL INTEGRITY TEST
☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 4

PRESSURIZED PIPING *(Check all that apply):*

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
☐ 2. MONTHLY 0.2 GPH TEST
☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)
☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS:

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW:

☐ 8. DAILY VISUAL MONITORING
☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

☐ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
- ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
- ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
- ☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LEAK
☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST
☐ 16. ANNUAL INTEGRITY TEST
☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT DATE INSTALLED 468 _____

☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
☐ 4. DAILY VISUAL CHECK
☐ 5. TRENCH LINER / MONITORING
☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR	DATE 470
Dennis McCarrick	JUNE 25, 2007
NAME OF OWNER/OPERATOR(print) 471	TITLE OF OWNER/OPERATOR 472
DENNIS McCARRICK	DESIGNATED TANK OPERATOR

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY SITE CLOSURE
☐ 3. RENEWAL PERMIT (Specify reason - for local use only) (Specify change - for local use only) ☐ 7. PERMANENTLY CLOSED ON SITE ☐ 8. TANK REMOVED

FACILITY ID # 3 6 0 0 1 1 BUSINESS NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS Co

BUSINESS ADDRESS 2400 WEST HIGHLAND CITY SAN BERNARDINO ZIP CODE 92407

LOCATION WITHIN SITE (Optional)

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 4 (432) TANK MANUFACTURER TOOR (433) COMPARTMENTALIZED TANK ☑ Yes ☐ No If "Yes", complete one page for each compartment.

DATE INSTALLED (YEAR/MO) 1987/03 (435) TANK CAPACITY IN GALLONS 3500 GALLONS (436) NUMBER OF COMPARTMENTS 3 TOTAL

ADDITIONAL DESCRIPTION

II. TANK CONTENTS

TANK USE (439)
☐ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☑ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MID-GRADE UNLEADED ☐ 4. GASOHOL ☑ 99. OTHER Bunker Oil

COMMON NAME (from Hazardous Materials Inventory page) (441): NEW OIL

CAS # (from Hazardous Materials Inventory page):

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only)
☐ 1. SINGLE WALL ☑ 2. DOUBLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 4. SINGLE WALL IN A VAULT ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only)
☑ 1. BARE STEEL ☐ 2. STAINLESS STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 5. CONCRETE ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only)
☐ 1. BARE STEEL ☐ 2. STAINLESS STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 5. CONCRETE ☑ 8. FRP COMPATIBLE W/100% METHANOL ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 10. COATED STEEL ☐ 95. UNKNOWN ☐ 99. OTHER

TANK INTERIOR LINING OR COATING (Check one item only)
☐ 1. RUBBER LINED ☐ 2. ALKYD LINING ☐ 3. EPOXY LINING ☐ 4. PHENOLIC LINING ☐ 5. GLASS LINING ☐ 6. UNLINED ☐ 95. UNKNOWN ☐ 99. OTHER (446) DATE INSTALLED (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply)
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 2. SACRIFICIAL ANODE ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 4. IMPRESSED CURRENT ☐ 95. UNKNOWN ☐ 99. OTHER (448) DATE INSTALLED (For local use only)

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED (450)	TYPE (For local use only) (451)
☑ 1. SPILL CONTAINMENT	1997	
☐ 2. DROP TUBE		
☑ 3. STRIKER PLATE	1987	

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED (452)
☑ 1. ALARM ☐ 3. FILL TUBE SHUT OFF VALVE
☑ 2. BALL FLOAT ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): (453)
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): (454)
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) (455) ESTIMATED QUANTITY OF SUBSTANCE REMAINING (456) gallons TANK FILLED WITH INERT MATERIAL? (457) ☐ Yes ☐ No

CUPA
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620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

TK # 4
NEW O.

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION *(Check all that apply)*

	UNDERGROUND PIPING	ABOVEGROUND PIPING
YSTEM TYPE	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY
ONSTRUCTION/ IANUFACTURER	☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460 ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN MANUFACTURER 461	☐ 1. SINGLE WALL ☐ 95. UNKNOWN ☐ 2. DOUBLE WALL ☐ 99. OTHER MANUFACTURER
IATERIALS AND ORROSION ROTECTION :heck all that pply)	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 95. UNKNOWN ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 5. STEEL W/ COATING ☐ 9. CATHODIC PROTECTION 464	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANC ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHE ☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION ☐ 5. STEEL W/ COATING ☐ 95. UNKNOWN

VII. PIPING LEAK DETECTION *(Check all that apply)(a description of the monitoring program shall be submitted to the local agency.)*

UNDERGROUND PIPING

SINGLE WALL PIPING 466

RESSURIZED PIPING *(Check all that apply)*:

- ☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
- ☐ 2. MONTHLY 0.2 GPH TEST
- ☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)

CONVENTIONAL SUCTION SYSTEMS:

- ☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

- ☐ 7. SELF MONITORING

GRAVITY FLOW:

- ☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply)*:

- ☐ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
  - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
  - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
  - ☐ c. NO AUTO PUMP SHUT OFF
- ☐ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION
- ☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

- ☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply)*:

- ☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
- ☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION
- ☐ 16. ANNUAL INTEGRITY TEST
- ☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 4[illegible]

PRESSURIZED PIPING *(Check all that apply)*:

- ☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
- ☐ 2. MONTHLY 0.2 GPH TEST
- ☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)
- ☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS:

- ☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
- ☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

- ☐ 7. SELF MONITORING

GRAVITY FLOW:

- ☐ 8. DAILY VISUAL MONITORING
- ☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply)*:

- ☐ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
  - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
  - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
  - ☐ c. NO AUTO PUMP SHUT OFF
- ☐ 11. AUTOMATIC LEAK
- ☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

- ☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply)*:

- ☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
- ☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST
- ☐ 16. ANNUAL INTEGRITY TEST
- ☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

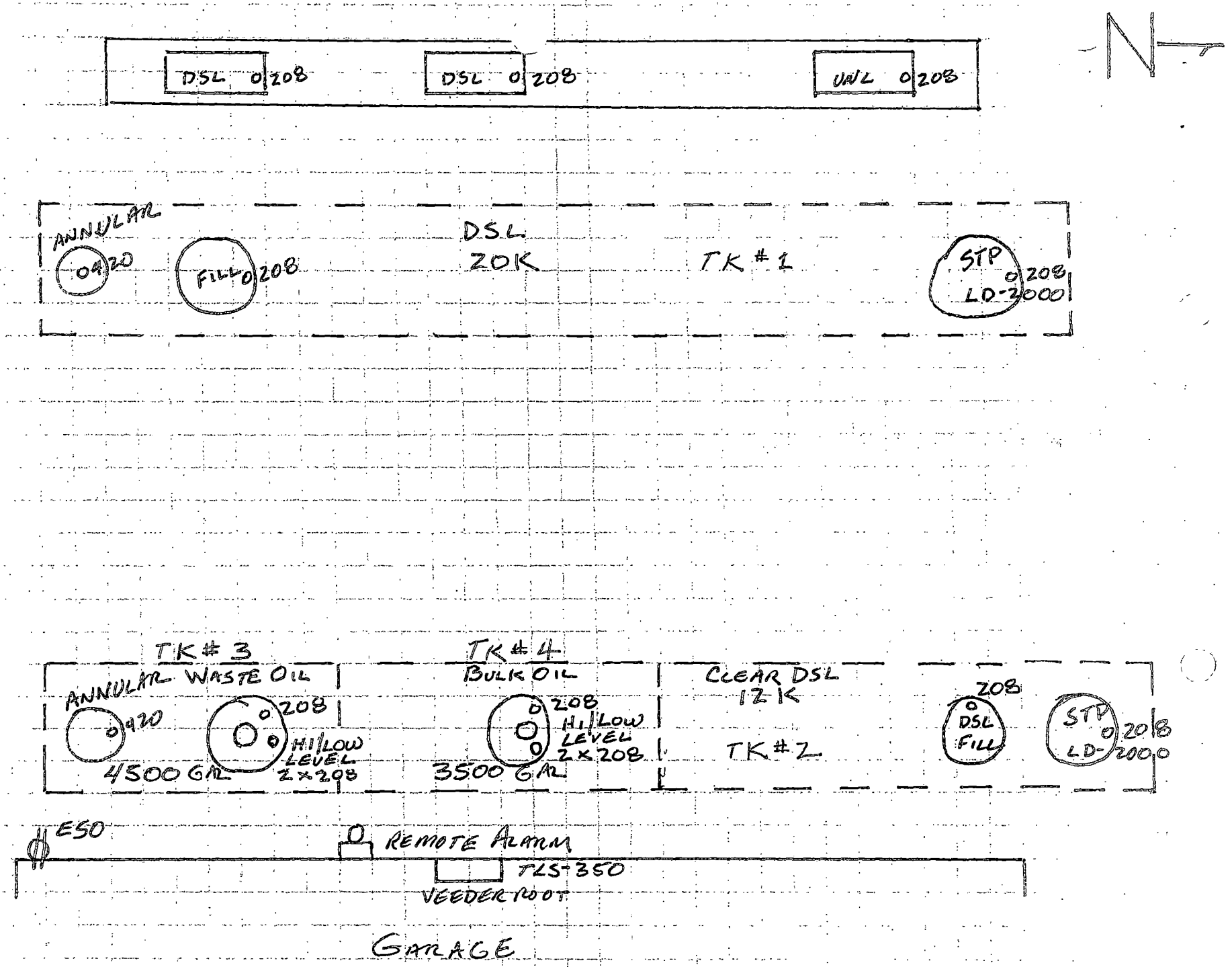
DISPENSER CONTAINMENT DATE INSTALLED 468 _____

- ☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
- ☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
- ☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
- ☐ 4. DAILY VISUAL CHECK
- ☐ 5. TRENCH LINER / MONITORING
- ☐ 5. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR	DATE 47[illegible]
Dennis Minnick	JUNE 28, 2007
NAME OF OWNER/OPERATOR(print) 471	TITLE OF OWNER/OPERATOR 47[illegible]
DENNIS MINNICK	DESIGNATED TANK OPERATOR



VULCAN MATERIALS CO. — SITE PLAN

2400 W. HIGHLAND SAN BERNARDINO

Vulcan
Materials Company

To: Distribution

From: Carleton Degges

Date: March 30, 2007

Subject: Financial Assurance Document for Petroleum Underground Storage Tanks

The current financial assurance document for petroleum underground storage tanks is attached. The corporation uses the financial test of self-insurance to demonstrate financial responsibility in compliance with the requirements of 40 CFR Part 280. Please retain a copy of the attached document at your facilities with USTs and if you have any facilities with underground tanks that are not reflected on Exhibit A, please let me know and we will update the list. If you have any questions or require additional information, please give me a call at 205-298-3063.

Distribution:

Brian Anderson – Western Division
Tom Boden – Western Division
Tom Ferrell – Western Division
Charles St. John – Western Division
Tony Varisco – Western Division
Walter Beck – Mideast Division
Mike Poplin – Mideast Division
Craig Bishop – Flight Services
Phil DiEulio – Southern and Gulf Coast Division
Joe Howle – Southern and Gulf Coast Division
Charlie Stephens – Southern and Gulf Coast Division
Stacy Whittington – Southern and Gulf Coast Division
Shane Geren – Midsouth Division
Gary Canter – Southeast Division
Kelly Van Kovering – Midwest Division
Aleisha Knochenhauer – Southwest Division
CJ Spainhour - Corporate

Vulcan
Materials Company

March 19, 2007

Letter from Chief Financial Officer:

I am the chief financial officer of Vulcan Materials Company, P. O. Box 385014, Birmingham, Alabama 35238-5014. This letter is in support of the use of the financial test of self-insurance, to demonstrate financial responsibility for taking corrective action and compensating third parties for bodily injury and property damage caused by sudden accidental releases and nonsudden accidental releases in the amount of at least $1,000,000 per occurrence and $1,000,000 annual aggregate arising from operating underground storage tanks.

Underground storage tanks at the following facilities are assured by this financial test or a financial test under an authorized State program by this owner or operator:

See Exhibit A

A financial test is also used by this owner or operator to demonstrate evidence of financial responsibility in the following amounts under other EPA regulations or state programs authorized by EPA under 40 CFR Parts 271 and 145:

EPA Regulations		Amount
Closure (§§ 264.143 and 265.143)	$	-0-
Post-Closure Care (§§ 264.145 and 265.145)	$	-0-
Liability Coverage (§§ 264.147 and 265.147)	$	-0-
Corrective Action (§§ 264.101(b))	$	-0-
Plugging and Abandonment (§§ 144.63)	$	-0-
Closure	$	-0-
Post-Closure Care	$	-0-
Liability Coverage	$	-0-
Corrective Action	$	-0-
Plugging and Abandonment	$	-0-
Total	$	-0-

This owner or operator has not received an adverse opinion, a disclaimer of opinion, or a "going concern" qualification from an independent auditor on his financial statements for the latest completed fiscal year.

Alternative I

1.	Amount of annual UST aggregate coverage being assured by a financial test, and/or guarantee	$	1,000,000
2.	Amount of correction action, closure and post-closure care costs, liability coverage, and plugging and abandonment costs covered by a financial test, and/or guarantee	$	-0-
3.	Sum of lines 1 and 2	$	1,000,000
4.	Total tangible assets	$	2,607,157,000
5.	Total liabilities	$	1,423,114,000
6.	Tangible net worth	$	1,184,043,000

		Yes	**No**
7.	Is line 6 at least $10 million?	X	
8.	Is line 6 at least 10 times line 3?	X	
9.	Have financial statements for the latest fiscal year been filed with the Securities and Exchange Commission?	X	
10.	Have financial statements for the latest fiscal year been filed with the Energy Information Administration?		X
11.	Have financial statements for the latest fiscal year been filed with the Rural Electrification Administration?		X
12.	Has financial information been provided to Dun and Bradstreet, and has Dun and Bradstreet provided a financial strength rating of 4A or 5A?	X	

Alternative II

1.	Amount of annual UST aggregate coverage being assured by a test, and/or guarantee	$ N/A
2.	Amount of corrective action, closure and post-closure care costs, liability coverage, and plugging and abandonment costs covered by a financial test, and/or guarantee	$ N/A
3.	Sum of lines 1 and 2	$ N/A
4.	Total tangible assets	$ N/A
5.	Total liabilities	$ N/A
6.	Tangible net worth	$ N/A
7.	Total assets in the U.S.	$ N/A

		Yes	No
8.	Is line 6 at least $10 million?		N/A
9.	Is line 6 at least 6 times line 3?		N/A
10.	Are at least 90 percent of assets located in the U.S?		N/A
11.	Is line 7 at least 6 times line 3?		N/A

12.	Current assets	$ N/A
13.	Current liabilities	$ N/A
14.	Net working capital	$ N/A

		Yes	No
15.	Is line 14 at least 6 times line 3?		N/A
16.	Current bond rating of most recent bond issue		N/A
17.	Name of rating service		N/A
18.	Date of maturity of bond		N/A
19.	Have financial statements for the latest fiscal year been filed with the SEC, the Energy Information Administration, or the Rural Electrification Administration?		N/A

I hereby certify that the wording of this letter is identical to the wording specified in 40 CFR Part 280.95(d) as such regulations were constituted on the date shown immediately below.

Signature: DF Sansone

Name: Daniel F. Sansone

Vulcan Materials Company

Title: Senior Vice President, Chief Financial Officer

Date: March 19, 2007

CERTIFICATION OF FINANCIAL RESPONSIBILITY

Vulcan Materials Company hereby certifies that it is in compliance with the requirements of Subpart H of 40 CFR Part 280.

The financial assurance mechanism used to demonstrate financial responsibility under Subpart H of 40 CFR Part 280 is as follows:

> Financial test of self-insurance providing for coverage in the amount of $1,000,000 for the year 2007. This test covers taking corrective action and compensating third parties for bodily injury and property damage caused by accidental releases.

Signature: D F Sansone

Name: Daniel F. Sansone

Title: Vulcan Materials Company
Senior Vice President, Chief Financial Officer

Date: March 19, 2007

NOTARY:

Signature: Robbie O. Storey

Name: Robbie O. Storey

Date: 3/19/07

My commission expires

Commission Expires
December 1, 2008

The owner or operator must update this certification whenever the financial insurance mechanism used to demonstrate financial responsibility changes.

Exhibit A - Page 1 of 2

Vulcan Materials Company

Facilities with Underground Petroleum Tanks
Assured by Financial Test of Self-Insurance

In accordance with Part 280.95 of the
Resource Conservation and Recovery Act

CORPORATE:

Facility Name	Address
Flight Services	4110 65th Street North Birmingham, AL 35206

MIDEAST DIVISION:

Facility Name	Address
Graham-Virginia Quarry	10000 Ox Road Lorton, VA 22079

MIDWEST DIVISION:

Facility Name	Address
Elk Grove Recycle Center	1520 Midway Court Elk Grove Village, IL 60007

SOUTHERN DIVISION:

Facility Name	Address
Grand Rivers Quarry	947 US Hwy 62 Grand Rivers, KY 42045

Exhibit A - Page 2 of 2

WESTERN DIVISION:

Facility Name	Address
Palmdale	6851 East Ave. Littlerock, CA 93543
San Bernardino	2400 West Highland San Bernardino, CA 92405
Sun Valley	11401 W. Tuxford Street Sun Valley, CA 91352
Upland	1975 N. Benson Street Upland, CA 91786
Carroll Canyon	10050 Black Mountain Road San Diego, CA 92126
Mission Valley	8080 Friars Road San Diego, CA 92163
San Bernardino HMA	2340 W. Highland San Bernardino, CA 92405
Los Angeles HMA	2715 E. Washington Street Los Angeles, CA 90023
Escondido	849 W. Washington Ave. Escondido, CA 92025

State of California
State Water Resources Control Board
Division of Clean Water Programs
P.O. Box 944212
Sacramento, CA 94244-2120

For State Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in Section 2807, Chapter 18, Div. 3, Title 23, CCR:

☐ 500,000 dollars per occurrence or ☑ 1 million dollars per occurrence AND ☐ 1 million dollars annual aggregate or ☑ 2 million dollars annual aggregate

B. VULCAN MATERIALS COMPANY (Name of tank Owner or Operator) hereby certifies that it is in compliance with the requirements of Section 2807, Article 3, Chapter 18, Division 3, Title 23, California Code of Regulations.

The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Compensation
SELF-INSURED	VULCAN MATERIALS COMPANY P.O. BOX 385014 BIRMINGHAM, AL 35238-5014	N/A	$1,000,000 PER OCCURANCE AND $2,000,000 ANNUAL AGGREGATE	ANNUAL	YES	YES

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance with all conditions for participation in the Fund.

D. Facility Name	Facility Address
VULCAN MATERIALS CO.	2400 W. HIGHLAND AVE
Facility Name	Facility Address SAN BERNARDINO, CA 92405
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
E. Signature of Tank Owner or Operator — Date	Name and Title of Tank Owner or Operator
Signature of Witness or Notary — Date	Name of Witness or Notary

Submit original to local UST regulatory agency. Keep a copy at each UST facility.

(Instructions on Reverse)

RECEIVED
JUL 18 2007
S.B. CO. FIRE DEPT.

FA # 1676

SECONDARY CONTAINMENT TESTING REPORT FORM

Pacific Systems Electric

Murrieta California 92563
California State License No. 561275
Servicing the Petroleum Industry Since 1989

RECEIVED
JUN 07 2007
S.B. CO. FIRE DEPT.

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the local implementing agency.

1. FACILITY INFORMATION

Facility Name: Vulcan Materials Company	Date of Testing:	5-31-07
Facility Address: 2400 Highland Ave. San Bernardino, CA 92407		**Test Type:**
Facility Contact: Matt Branstetter	Phone: 909.875.1150	☐ Retest
Date Local Agency Was Notified of Testing : 5-24-07		☑ 6 month
Name of Local Agency Inspector *(if present during testing)*: Catherine Richards		☐36 month

2. TESTING CONTRACTOR INFORMATION

Company Name: Pacific Systems Electric, Inc.		
Technician Conducting Test: William Madsen		
Credentials: ☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester	
License Type: A-General Engineering	License Number: 561275	

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
International Code Council	California UST Service Technician	July 8th 2007
Franklin Fueling Systems	Electronic Training Certificate	3/11/2009
S. Bravo Systems Inc.	Gold Certified/ Testing Contractor	8/23/2007
OPW	EVR phase I	

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
Diesel Secondary Piping	☑	☐	☐	☐		☐	☐	☐	☐
Clear Diesel Secondary Piping	☑	☐	☐	☐		☐	☐	☐	☐
Diesel 1 Turbine Sump	☑	☐	☐	☐		☐	☐	☐	☐
UDC 1	☑	☐	☐	☐		☐	☐	☐	☐
UDC 2	☑	☐	☐	☐		☐	☐	☐	☐
UDC 3	☑	☐	☐	☐		☐	☐	☐	☐
Waste Oil Fill Sump	☑	☐	☐	☐		☐	☐	☐	☐
New Oil Fill Sump	☑	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Test water was pumped into (2) -55 Gallon drums, labeled as Hazardous Waste, and left with tank owner for proper disposal.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

LLD

4. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☑ Pressure	☐ Vacuum	☐Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Gauge, Nitrogen Gas		Equipment Resolution: + / - .5%	

	Piping Run # DSL	**Piping Run # Clear DSL**	**Piping Run #**	**Piping Run #**
Piping Material:	Poly	Poly		
Piping Manufacturer:	APT	APT		
Piping Diameter:	2"	2"		
Length of Piping Run:	35'	40'		
Product Stored:	Diesel	Diesel		
Method and location of piping-run isolation:	Test Boot	Test Boot		
Wait time between applying pressure/vacuum/water and starting test:	15Min	15Min		
Test Start Time	9:00am	11:00am		
Initial Reading (R_I):	5psi	5psi		
Test End Time:	10:00am	12:00pm		
Final Reading (R_F):	5psi	5psi		
Test Duration:	1.0 Hr.	1.0 Hr.		
Change in Reading (R_F-R_I):	0	0		
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss		
Test Result:	☑ **Pass** ☐**Fail**	☑ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

5. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	Sump # DSL Turbine	Sump #	Sump #	Sump #
Sump Diameter:	42"			
Sump Depth:	42"			
Sump Material:	Fiberglass			
Height from Tank Top to Top of Highest Piping Penetration:	12"			
Height from Tank Top to Lowest Electrical Penetration:	26"			
Condition of sump prior to testing:	Good			
Portion of Sump Tested[1]	20"			
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐No ☐NA
Turbine shutdown response time	Sec			
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐No ☐NA
Wait time between applying pressure/vacuum/water and starting test:	15 Min			
Test Start Time:	11:17am/11:33am			
Initial Reading (R_I):	3.0536/3.0546			
Test End Time:	11:32am/11:49am			
Final Reading (R_F):	3.0546/3.0558			
Test Duration:	2/15 Minutes			
Change in Reading (R_F-R_I):	.001/.0012			
Pass/Fail Threshold or Criteria:	No Loss > .002"			
Test Result:	☑ **Pass** ☐**Fail**	☐ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA" the entire sump must be tested. (See SWRCB LG-160)

6. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer	☑ Industry Standard	☐ Professional Engineer	
	☐ Other *(Specify)*			
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic	
	☐ Other *(Specify)*			
Test Equipment Used: INCON TS-STS Sump Testing System			Equipment Resolution: 000.0000"	

	UDC # 1	UDC # 2	UDC # 3	UDC #
UDC Manufacturer:	Bravo	Bravo	Bravo	
UDC Material:	Fiberglass	Fiberglass	Fiberglass	
UDC Depth:	30"	30"	30"	
Height from UDC Bottom to Top of Highest Piping Penetration:	10"	10"	10"	
Height from UDC Bottom to Lowest Electrical Penetration:	12"	12"	12"	
Condition of UDC prior to testing:	Ok	Ok	Ok	
Portion of UDC Tested[2]	18"	18"	18"	
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☑NA
Turbine shutdown response time	Sec	Sec	Sec	Sec
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☑NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☑NA
☐Yes ☐ No ☐ NA Wait time between applying pressure/vacuum/water and starting test	15 Min	15 Min	15 Min	
Test Start Time:	12:15pm/12:36pm	1:31pm/1:49pm	2:38pm/2:53pm	
Initial Reading (R_I):	7.4848/7.4848	1.1652/1.1633	4.4175/4.4157	
Test End Time:	12:30pm/12:51pm	1:46pm/2:04pm	2:53pm/3:08pm	
Final Reading (R_F):	7.4848/7.4848	1.1643/1.1626	4.4156/4.4139	
Test Duration:	2/15 Minutes	2/15 Minutes	2/15 Minutes	
Change in Reading (R_F-R_I):	.0000/.0000	.0009/.0007	.0019/.0018	
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	
Test Result:	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☐**Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No ☐NA

[2] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

7. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐				
Fill Riser Containment Sumps are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*			
Test Method Used:	☐ Pressure ☐ Vacuum ☑Hydrostatic ☐ Other *(Specify)*			
Test Equipment Used: Incon TS-STS Sump Testing System			Equipment Resolution: 000.0000"	
	Fill Sump # Waste Oil	**Fill Sump # New Oil**	**Fill Sump #**	**Fill Sump #**
Sump Diameter:	48"	48"		
Sump Depth:	42"	42"		
Height from Tank Top to Top of Highest Piping Penetration:	16"	16"		
Height from Tank Top to Lowest Electrical Penetration:	26"	26"		
Condition of sump prior to testing:	Ok	Ok		
Portion of Sump Tested	20"	20"		
Sump Material:	Fiberglass	Fiberglass		
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min		
Test Start Time:	4:15pm/4:30pm	3:32pm/3:48pm		
Initial Reading (R_I):	5.9704/5.9705	1.0051/1.0049		
Test End Time:	4:30pm/4:45pm	3:47pm/4:03pm		
Final Reading (R_F):	5.9705/5.9706	1.0051/1.0047		
Test Duration:	2/15 Minutes	2/15 Minutes		
Change in Reading (R_F-R_I):	.0001/.0001	.0000/.0002		
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"		
Test Result:	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Is there a sensor in the sump?	☑ Yes ☐ No	☑ ☐ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No
Does the sensor alarm when either product or water is detected?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Completed Form Sent To

Local Implementing Agency

By

Pacific Systems Electric By

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
UOICAN
SAN BERNARDINO

05/31/2007 12:30 PM

SUMP LEAK TEST REPORT

UDC 1

TEST STARTED	12:15 PM
TEST STARTED	05/31/2007
BEGIN LEVEL	7.4848 IN
END TIME	12:30 PM
END DATE	05/31/2007
END LEVEL	7.4848 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
UOICAN
SAN BERNARDINO

05/31/2007 1:46 PM

SUMP LEAK TEST REPORT

UDC 2

TEST STARTED	1:31 PM
TEST STARTED	05/31/2007
BEGIN LEVEL	1.1652 IN
END TIME	1:46 PM
END DATE	05/31/2007
END LEVEL	1.1643 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
UOICAN
SAN BERNARDINO

05/31/2007 2:53 PM

SUMP LEAK TEST REPORT

UDC 3

TEST STARTED	2:38 PM
TEST STARTED	05/31/2007
BEGIN LEVEL	4.4175 IN
END TIME	2:53 PM
END DATE	05/31/2007
END LEVEL	4.4156 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
UOICAN
SAN BERNARDINO

05/31/2007 12:51 PM

SUMP LEAK TEST REPORT

UDC 1

TEST STARTED	12:36 PM
TEST STARTED	05/31/2007
BEGIN LEVEL	7.4848 IN
END TIME	12:51 PM
END DATE	05/31/2007
END LEVEL	7.4846 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
UOICAN
SAN BERNARDINO

05/31/2007 2:04 PM

SUMP LEAK TEST REPORT

UDC 2

TEST STARTED	1:49 PM
TEST STARTED	05/31/2007
BEGIN LEVEL	1.1633 IN
END TIME	2:04 PM
END DATE	05/31/2007
END LEVEL	1.1626 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
UOICAN
SAN BERNARDINO

05/31/2007 3:08 PM

SUMP LEAK TEST REPORT

UDC 3

TEST STARTED	2:53 PM
TEST STARTED	05/31/2007
BEGIN LEVEL	4.4157 IN
END TIME	3:08 PM
END DATE	05/31/2007
END LEVEL	4.4139 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VOICAN
SAN BERNARDINO

05/31/2007 11:32 AM

SUMP LEAK TEST REPORT

DIS STP

TEST STARTED	11:17 AM
TEST STARTED	05/31/2007
BEGIN LEVEL	3.0536 IN
END TIME	11:32 AM
END DATE	05/31/2007
END LEVEL	3.0546 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VOICAN
SAN BERNARDINO

05/31/2007 11:48 AM

SUMP LEAK TEST REPORT

DIS STP

TEST STARTED	11:33 AM
TEST STARTED	05/31/2007
BEGIN LEVEL	3.0546 IN
END TIME	11:48 AM
END DATE	05/31/2007
END LEVEL	3.0558 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VOICAN
SAN BERNARDINO

05/31/2007 3:47 PM

SUMP LEAK TEST REPORT

NEW OIL

TEST STARTED	3:32 PM
TEST STARTED	05/31/2007
BEGIN LEVEL	1.0051 IN
END TIME	3:47 PM
END DATE	05/31/2007
END LEVEL	1.0051 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VOICAN
SAN BERNARDINO

05/31/2007 4:03 PM

SUMP LEAK TEST REPORT

NEW OIL

TEST STARTED	3:48 PM
TEST STARTED	05/31/2007
BEGIN LEVEL	1.0049 IN
END TIME	4:03 PM
END DATE	05/31/2007
END LEVEL	1.0047 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VOICAN
SAN BERNARDINO

05/31/2007 4:30 PM

SUMP LEAK TEST REPORT

WAS OIL

TEST STARTED	4:15 PM
TEST STARTED	05/31/2007
BEGIN LEVEL	5.9704 IN
END TIME	4:30 PM
END DATE	05/31/2007
END LEVEL	5.9705 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VOICAN
SAN BERNARDINO

05/31/2007 4:45 PM

SUMP LEAK TEST REPORT

WAS OIL

TEST STARTED	4:30 PM
TEST STARTED	05/31/2007
BEGIN LEVEL	5.9705 IN
END TIME	4:45 PM
END DATE	05/31/2007
END LEVEL	5.9706 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

FA # 1676

RECEIVED
NOV 27 2006
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

SECONDARY CONTAINMENT TESTING REPORT FORM

Pacific Systems Electric

Murrieta California 92563
California State License No. 561275
Servicing the Petroleum Industry Since 1989

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the local implementing agency.

1. FACILITY INFORMATION

Facility Name: Vulcan Materials Company	Date of Testing:	11-13-06
Facility Address: 2400 W. Highland Ave. San Bernardino, CA 92407		**Test Type:**
Facility Contact: Attn: Matt	Phone: 951.875.1150	☑ Retest
Date Local Agency Was Notified of Testing : Nov. 06, 2006		☐ 6 month
Name of Local Agency Inspector *(if present during testing)*: Catherine Richards		☐36 month

2. TESTING CONTRACTOR INFORMATION

Company Name: Pacific Systems Electric		
Technician Conducting Test: William Madsen		
Credentials: ☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester	
License Type: A-General Engineering	License Number: 561275	

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
International Code Council	California UST Service Technician	July 8th 2007
Franklin Fueling Systems	Electronic Training Certificate	3/11/2007
S. Bravo Systems Inc.	Gold Certified/ Testing Contractor	8/23/2007
OPW	EVR phase I	

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
Diesel Secondary Piping	☑	☐	☐	☐		☐	☐	☐	☐
Clear Diesel Secondary Piping	☑	☐	☐	☐		☐	☐	☐	☐
Diesel 1 Turbine Sump	☑	☐	☐	☐		☐	☐	☐	☐
UDC 1	☑	☐	☐	☐		☐	☐	☐	☐
UDC 2	☑	☐	☐	☐		☐	☐	☐	☐
UDC 3	☑	☐	☐	☐		☐	☐	☐	☐
Waste Oil Fill Sump	☑	☐	☐	☐		☐	☐	☐	☐
New Oil Fill Sump	☑	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Test water was pumped into (2) -55 Gallon drums, labeled as Hazardous Waste, and left with tank owner for proper disposal.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: William Madsen William Madsen Date: 11-13-06

LLD

4. SECONDARY PIPE TEST

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☑ Pressure	☐ Vacuum	☐Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Gauge, Nitrogen Gas		Equipment Resolution: + / - .5%	

	Piping Run # DSL	**Piping Run # Clear DSL**	**Piping Run #**	**Piping Run #**
Piping Material:	Poly	Poly		
Piping Manufacturer:	APT	APT		
Piping Diameter:	2"	2"		
Length of Piping Run:	35'	40'		
Product Stored:	Diesel	Diesel		
Method and location of piping-run isolation:	Test Boot	Test Boot		
Wait time between applying pressure/vacuum/water and starting test:	15Min	15Min		
Test Start Time	8:50am	10:30am		
Initial Reading (R_I):	5psi	5psi		
Test End Time:	9:50am	11:30am		
Final Reading (R_F):	5psi	5psi		
Test Duration:	1.0	1.0		
Change in Reading (R_F-R_I):	0	0		
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss		
Test Result:	☑ **Pass** ☐**Fail**	☑ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

5. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	Sump # DSL Turbine	Sump #	Sump #	Sump #
Sump Diameter:	42"			
Sump Depth:	42"			
Sump Material:	Fiberglass			
Height from Tank Top to Top of Highest Piping Penetration:	12"			
Height from Tank Top to Lowest Electrical Penetration:	26"			
Condition of sump prior to testing:	Ok			
Portion of Sump Tested[1]	20"			
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Turbine shutdown response time	Sec	Sec	Sec	Sec
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Wait time between applying pressure/vacuum/water and starting test:	15 Min			
Test Start Time:	11:25am/11:42am			
Initial Reading (R_I):	2.5760/2.5762			
Test End Time:	11:40am/11:57am			
Final Reading (R_F):	2.5763/2.764			
Test Duration:	2/15 Minutes			
Change in Reading (R_F-R_I):	.0003/.0002			
Pass/Fail Threshold or Criteria:	No Loss > .002"			
Test Result:	☑ **Pass** ☐**Fail**	☐ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG 160)

6. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: INCON TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	UDC # 1	UDC # 2	UDC # 3	UDC #
UDC Manufacturer:	Bravo	Bravo	Bravo	
UDC Material:	Fiberglass	Fiberglass	Fiberglass	
UDC Depth:	30"	30"	30"	
Height from UDC Bottom to Top of Highest Piping Penetration:	10"	10"	10"	
Height from UDC Bottom to Lowest Electrical Penetration:	12"	12"	12"	
Condition of UDC prior to testing:	Ok	Ok	Ok	
Portion of UDC Tested[2]	18"	18"	18"	
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐No ☑NA
Turbine shutdown response time	Sec	Sec	Sec	Sec
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐No ☑NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐No ☑NA
☐Yes ☐ No ☐ NA Wait time between applying pressure/vacuum/water and starting test	15Min	15Min	15Min	
Test Start Time:	10:30am/10:45am	9:20am/9:35am	9:20am/9:35am	
Initial Reading (R_I):	4.8545/4.8545	5.9777/5.9775	5.2138/5.2133	
Test End Time:	10:45/11:00am	9:35am/9:50am	9:35am/9:50am	
Final Reading (R_F):	4.8545/4.8544	5.9776/5.9777	5.2134/5.2131	
Test Duration:	2/15 Minutes	2/15 Minutes	2/15 Minutes	
Change in Reading (R_F-R_I):	.0000/.0001	.0001/.0002	.0004/.0002	
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	
Test Result:	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☐**Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐No ☐NA

[2] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

7. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐				
Fill Riser Containment Sumps are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*			
Test Method Used:	☐ Pressure ☐ Vacuum ☑Hydrostatic ☐ Other *(Specify)*			
Test Equipment Used: Incon TS-STS Sump Testing System			Equipment Resolution: 000.0000"	
	Fill Sump # Waste Oil	**Fill Sump # New Oil**	**Fill Sump #**	**Fill Sump #**
Sump Diameter:	48"	48"		
Sump Depth:	42"	42"		
Height from Tank Top to Top of Highest Piping Penetration:	16"	16"		
Height from Tank Top to Lowest Electrical Penetration:	26"	26"		
Condition of sump prior to testing:	Ok	Ok		
Portion of Sump Tested	20"	20"		
Sump Material:	Fiberglass	Fiberglass		
Wait time between applying pressure/vacuum/water and starting test:	15Min	15Min		
Test Start Time:	1:25pm/1:41pm	12:25pm/12:40pm		
Initial Reading (R_I):	2.9049/2.9050	3.6573/3.6574		
Test End Time:	1:40pm/1:56pm	12:40pm/12:55pm		
Final Reading (R_F):	2.9048/2.9030	3.6575/3.6575		
Test Duration:	2/15 Minutes	2/15 Minutes		
Change in Reading (R_F-R_I):	.0001/.0020	.0002/.0001		
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"		
Test Result:	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Is there a sensor in the sump?	☑ Yes ☐ No	☑ ☐ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No
Does the sensor alarm when either product or water is detected?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Completed Form Sent To

Local Implementing Agency

By

Pacific Systems Electric By

PACIFIC SYSTEMS ELECTIC
TESTING SERVICES
951-677-0704
VOLCAN
SAN BERNARDINO

11/13/2006 9:35 AM

SUMP LEAK TEST REPORT

UDC 3

TEST STARTED	9:20 AM
TEST STARTED	11/13/2006
BEGIN LEVEL	5.2138 IN
END TIME	9:35 AM
END DATE	11/13/2006
END LEVEL	5.2134 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

UDC 2

TEST STARTED	9:20 AM
TEST STARTED	11/13/2006
BEGIN LEVEL	5.9777 IN
END TIME	9:35 AM
END DATE	11/13/2006
END LEVEL	5.9776 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTIC
TESTING SERVICES
951-677-0704
VOLCAN
SAN BERNARDINO

11/13/2006 10:45 AM

SUMP LEAK TEST REPORT

UDC 1

TEST STARTED	10:30 AM
TEST STARTED	11/13/2006
BEGIN LEVEL	4.8545 IN
END TIME	10:45 AM
END DATE	11/13/2006
END LEVEL	4.8545 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTIC
TESTING SERVICES
951-677-0704
VOLCAN
SAN BERNARDINO

11/13/2006 9:51 AM

SUMP LEAK TEST REPORT

UDC 3

TEST STARTED	9:35 AM
TEST STARTED	11/13/2006
BEGIN LEVEL	5.2133 IN
END TIME	9:50 AM
END DATE	11/13/2006
END LEVEL	5.2131 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

UDC 2

TEST STARTED	9:35 AM
TEST STARTED	11/13/2006
BEGIN LEVEL	5.9775 IN
END TIME	9:50 AM
END DATE	11/13/2006
END LEVEL	5.9777 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTIC
TESTING SERVICES
951-677-0704
VOLCAN
SAN BERNARDINO

11/13/2006 11:00 AM

SUMP LEAK TEST REPORT

UDC 1

TEST STARTED	10:45 AM
TEST STARTED	11/13/2006
BEGIN LEVEL	4.8545 IN
END TIME	11:00 AM
END DATE	11/13/2006
END LEVEL	4.8544 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTIC
TESTING SERVICES
951-677-0704
VOLCAN
SAN BERNARDINO

11/13/2006 11:40 AM

SUMP LEAK TEST REPORT

DIS 1 STP

TEST STARTED	11:25 AM
TEST STARTED	11/13/2006
BEGIN LEVEL	2.5760 IN
END TIME	11:40 AM
END DATE	11/13/2006
END LEVEL	2.5763 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTIC
TESTING SERVICES
951-677-0704
VOLCAN
SAN BERNARDINO

11/13/2006 12:40 PM

SUMP LEAK TEST REPORT

FRESH 01

TEST STARTED	12:25 PM
TEST STARTED	11/13/2006
BEGIN LEVEL	3.6573 IN
END TIME	12:40 PM
END DATE	11/13/2006
END LEVEL	3.6575 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTIC
TESTING SERVICES
951-677-0704
VOLCAN
SAN BERNARDINO

11/13/2006 1:40 PM

SUMP LEAK TEST REPORT

WASTE 01

TEST STARTED	1:25 PM
TEST STARTED	11/13/2006
BEGIN LEVEL	2.9049 IN
END TIME	1:40 PM
END DATE	11/13/2006
END LEVEL	2.9048 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTIC
TESTING SERVICES
951-677-0704
VOLCAN
SAN BERNARDINO

11/13/2006 11:57 AM

SUMP LEAK TEST REPORT

DIS 1 STP

TEST STARTED	11:42 AM
TEST STARTED	11/13/2006
BEGIN LEVEL	2.5762 IN
END TIME	11:57 AM
END DATE	11/13/2006
END LEVEL	2.5764 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTIC
TESTING SERVICES
951-677-0704
VOLCAN
SAN BERNARDINO

11/13/2006 12:55 PM

SUMP LEAK TEST REPORT

FRESH 01

TEST STARTED	12:40 PM
TEST STARTED	11/13/2006
BEGIN LEVEL	3.6574 IN
END TIME	12:55 PM
END DATE	11/13/2006
END LEVEL	3.6575 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTIC
TESTING SERVICES
951-677-0704
VOLCAN
SAN BERNARDINO

11/13/2006 1:56 PM

SUMP LEAK TEST REPORT

WASTE 01

TEST STARTED	1:41 PM
TEST STARTED	11/13/2006
BEGIN LEVEL	2.9050 IN
END TIME	1:56 PM
END DATE	11/13/2006
END LEVEL	2.9030 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

San Bernardino County Fire Department
Hazardous Materials Division
620 South "E" Street, San Bernardino 92415-0153
(909) 386-8464

Periodic Secondary Containment Testing Form
(Title 23, California Code of Regulations, Section 2637)

Facility Name: Vulcan Materials	Permit # FA1676	Test Date: 11/13/06
Facility Address: 2400 W. Highland Ave. San Bernardino		Last Test Date: 1/13/06
Facility Contact: Matt		Phone: 909-875-1150
Testing Contractor: Pacific System	Technician: Bill Madsen	Phone: 951-677-0704
Inspector: C Richards	# of UST systems at site: 4	

Tester is/has: ICC #5263337-UT ICC #5263306-UT exp 7/8/07

☐ licensed tank tester or licensed tank installer, or Retest ☒

☒ State Contractor License (Class A General, C-10, C-34, C-36, C-61 or (D-40)) and trained certified by the manufacturer of the monitoring equipment and re-certified at the time interval recommended by the manufacturer or every 36 months, whichever is shorter.

1 TANK ANNULAR						
Test Type	psi	Hg	Duration	# of Tanks Tested	Pass	Fail
☐ Pressure Test						
☐ Vacuum Test						
☐ Other *(specify)*						
☐ Hydrostatic tank(s) {exempt}						

2 PIPING SECONDARY CONTAINMENT						
Test Type	psi	Hg	Duration	#of Piping Systems Tested	Pass	Fail
☒ Pressure Test	5		1hr	20K Diesel	X	
☐ Vacuum Test	5		1hr.	12K Diesel	X	
☐ Other *(specify)*						
☐ Single-wall piping {exempt}						

3 TURBINE SUMPS						
Test Type	psi	Hg	Duration	# of Turbine Sumps Tested	Pass	Fail
☒ Hydrostatic Test Incon			2x15min	12K Diesel	X	
☐ Vacuum Test						
☐ Other *(specify)*						
☐ Exempt – sump does not provide secondary containment for pressurized piping systems						

4 UDCs						
Test Type	psi	Hg	Duration	#of UDCs Tested	Pass	Fail
☒ Hydrostatic Test Incon			2x15min	1	X	
☐ Vacuum Test			↓	2	X	
☐ Other *(specify)*			↓	3	X	
☐ Exempt – no UDC (must be prior to December 31, 2003)						

5 SPILL CONTAINERS/FILL SUMPS						
Test Type	psi	Hg	Duration	# of Spill Containers/Fill Sumps Tested		
☒ Hydrostatic Test Incon			2x15min	Waste Oil Fill Sump		
☐ Vacuum Test			2x15min	New Oil Fill Sump	X	
☐ Other *specify)*						

Notes:

Notify Tester: 1) All repairs must be approved in advance, by San Bernardino County Fire/CUPA, and 2) Results of the secondary containment test must be submitted within 30 days of the completion of the test.

LLD

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: EDISON SHELL # 116350 Date: OCT. 25 2006

Street Address: 4107 EDISON AVE Facility No. 6641

City: CHINO, CA Zip Code: 91710 Program Record No. 16376

Facility Contact: _____ Facility Phone No. _____ Number of Tanks: _____

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N	NARRATIVE / CORRECTIONS
302. UST permit fees paid and current 7.31.07	CHSC 25287(a)		✓		MONITORING SYSTEM CERT
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)		✓		BY TANKNOLOGY (DANIEL)
308. Failure to report change of ownership within 30 days	CHSC 25284(c)		✓		
306. Owner/Operator agreement available	CHSC 25284(a)(3)		✓		
307. Certificate of Financial Responsibility submitted	CHSC 25292.2(a)		✓		
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)		✓		
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)		✓		
312. Designated Operator Statement submitted 12.28.06	CCR 2715(a)		✓		BENDIX/KING CDS SENSOR
313. Monthly inspections completed by Designated Operator	CCR 2715(c)		✓		(NO E SITE)
305. Prior UST violations corrected within 30 days	CCR 2712(f)		✓		
310. Business Plan established and implemented	CHSC 25503.5		✓		= TAMPER ALARM ALL SENSOR
311. Business Plan submitted/updated 5.18.06	CHSC 25505		✓		
MONITORING OF UST SYSTEMS					SHUT. DOWN
309. Failure to properly monitor UST	CHSC 25293		✓		
331. Monitoring system(s) certified annually	CCR 2638 or 2641(j)		✓		
334. Audible/visual alarms operational	CCR 2632(c)(2)(B) and 2636(f)(1)		✓		& ALL SHUT DOWN FOR LEAK
314. Certification sticker/tag affixed to monitoring equipment	CCR 2638(f)		✓		
318. Sensors placed at low point of UST system(s)	CCR 2630(d) or 2641(a)		✓		
319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)		✓		
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)		✓		
324. Line leak detector(s) installed and functioning properly	CCR 2636(f)(2) or 2641(f)		✓		
333. Overspill containment installed/tested annually	CHSC 25284.2		✓		
327. Overfill protection device installed/operational	CCR 2635(b)(2)		✓		
328. Secondary containment components tested	CCR 2637(a)		✓		- NO VIOLATION -
329. UST system design, construction, and monitoring	CCR 2630 or 2640		✓		
UNAUTHORIZED RELEASE AND ABANDONMENT					
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)		✓		
341. Failure to report unauthorized release	CHSC 25299(d)(1)				
342. Unlawful abandonment of USTs	CHSC 25298(a)				
343. Unlawful closure of USTs	CHSC 25298(c)				
344. Failure to properly temporarily close USTs	CHSC 25298(b)				
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)				
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3				
UNIFORM FIRE CODE REQUIREMENTS					
335. Emergency fuel shut-off device operational	UFC 5201.5.3		✓		
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2		✓		
337. Fire extinguisher(s) present and charged	UFC 5201.9		✓		
338. Address clearly visible from street	UFC 901.4.4		✓		
OTHER REQUIREMENTS					
Significant Operational Compliance – Prevention	40 CFR Part 280				
Significant Operational Compliance – Detection	40 CFR Part 280				
Significant Operational Compliance – Both	40 CFR Part 280				

☐ **NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 7 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

Inspector: _____ Received by: Rose Mary Moore Title: _____

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: October 9, 2006

Mr. Dennis Minnock
Pacific Systems Electric
15680 Yates Road
Victorville, CA 92395
Tel(714)713-9529 Fax(760)243-0409

Vulcan Materials
2400 W. Highland Ave
San Bernardino

Project: **Vulcan San Bernardino**
Lab I.D.: **061005-35 through -37**

Dear Mr. Minnock:

The **analytical results** for the soil samples, received by our lab October 5, 2006, are attached. All samples were received chilled, intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manager

Jesse Tu, Ph.D.
Laboratory Manager

RECEIVED
OCT 18 2006
S.B. CO. FIRE DEPT.

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Pacific Systems Electric
15680 Yates Road
Victorville, CA 92395
Tel(714)713-9529 Fax(760)243-0409

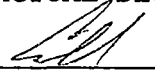
PROJECT: Vulcan San Bernardino
MATRIX:SOIL
SAMPLING DATE:10/05/06
REPORT TO:MR. DENNIS MINNOCK

DATE RECEIVED:10/05/06
DATE EXTRACTED:10/06/06
DATE ANALYZED:10/06/06
DATE REPORTED:10/09/06

C11-C22 HYDROCARBONS
METHOD: EPA 8015B
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C11-C22 RESULT	DF
North P1	061005-35	ND	1
Middle P2	061005-36	ND	1
South P3	061005-37	ND	1
Method Blank		ND	1
	PQL	10	

COMMENTS
C11-C22 = DIESEL RANGE
PQL = PRACTICAL QUANTITATION LIMIT
DF = DILUTION FACTOR
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro – Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Pacific Systems Electric
15680 Yates Road
Victorville, CA 92395
Tel(714)713-9529 Fax(760)243-0409

PROJECT: Vulcan San Bernardino
MATRIX: SOIL
SAMPLING DATE: 10/05/06
REPORT TO: MR. DENNIS MINNOCK
DATE RECEIVED: 10/05/06
DATE ANALYZED: 10/06/06
DATE REPORTED: 10/09/06

EPA 5030B/8260B FOR BTEX
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	DF
North P1	061005-35	ND	ND	ND	ND	1
Middle P2	061005-36	ND	ND	ND	ND	1
South P3	061005-37	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	1
	PQL	0.005	0.005	0.005	0.010	

COMMENTS:
DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: _____
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

Gas/BTEX QC

Date Analyzed: 10/6/2006 **Units:** mg/Kg (PPM)

Matrix: Solid

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 061005-35

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %REC	ACP %RPD
Gasoline Range	0.00	0.500	0.441	88%	0.462	92%	5%	**75-125**	**<20%**
Benzene	0.00	0.050	0.048	96%	0.048	96%	0%	**75-125**	**<20%**
Toluene	0.00	0.050	0.049	98%	0.049	98%	0%	**75-125**	**<20%**
Ethylbenzene	0.00	0.050	0.049	98%	0.049	98%	0%	**75-125**	**<20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
Gasoline Range	0.500	0.490	98%	**75-125**
Benzene	0.050	0.047	94%	**75-125**
Toluene	0.050	0.047	94%	**75-125**
Ethylbenzene	0.050	0.046	92%	**75-125**

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	061005-35	061005-36	061005-37	061006-27	061006-28	061006-29	061006-30
BFB	70-130	102%	122%	88%	86%	86%	89%	87%	79%

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		061006-31							
BFB	70-130	74%							

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
BFB	70-130					

* = *Surrogate fail due to matrix interference (If marked)*

Note: ***LCS, MS, MSD are in control therefore results are in control.***

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: _____

Final Reviewer: _____

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B Soil/Solid QC

Date Analyzed: 10/6/2006 **Units:** mg/Kg (PPM)

Matrix: **Solid/Sludge**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

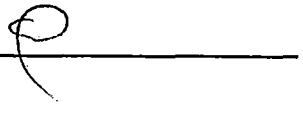
Spiked Sample Lab I.D.: **061005-35**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
DIESEL	0	2500	2472	**99%**	2658	**106%**	**7%**	**75-125**	**0-20%**

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
DIESEL	200	172	**86%**	**75-125**

Analyzed and Reviewed By: 

Final Reviewer: 

Enviro-Chem, Inc. Laboratories
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE # 1555

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
0 1 Week (Standard)
Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	8015 M Diesel	BTXE 8021								Misc.	COMMENTS
								Analysis Required										
North P1	0610052-35	10/5/06	1050 PM	Soil	1	4oz		X	X									
middle P2	-36	10/5/06	1100 PM	Soil	1			X	X									
South P3	-37	10/5/06	1150 PM	Soil	1			X	X									

Company Name: Pacific System Elec.
Address: 38330 Via Ia Paloma
City/State/Zip: Murrieta CA 92563

Project Contact: Earl or Dennis
Tel: 951 6770704
Fax: 951 698 5436

Sampler's Signature: [signature]
Project Name/ID: Vulcan San Bernadino

Relinquished by: [signature]	Received by: [signature]	Date & Time: 10/5/06 1600
Relinquished by:	Received by:	Date & Time:
Relinquished by:	Received by:	Date & Time:

Instructions for Sample Storage After Analysis:
O Dispose of O Return to Client O Store (30 Days)
O Other:

CHAIN OF CUSTODY RECORD

Date: 10/5/06

WHITE WITH SAMPLE - YELLOW TO CLIENT

PACIFIC SYSTEMS ELECTRIC, INC.
38330 Via La Paloma
Murrieta, CA 92563

SAN BERNARDINO CA 924

17 OCT 2006 PM 3 T

150
3230500.63 OCT 17 06
8161 MAILED FROM ZIP CODE 92562

San Bernardino County Fire
Hazardous Materials Division
Underground Storage of Hazardous Materials
620 S. E Street
San Bernardino CA 92415-0153
Attn: Inspector Catherine Richards

RECEIVED
OCT 18 2006
S.B. CO. FIRE DEPT.

92415+0153

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials — Date: 10-18-06

Street Address: 2400 W. Highland Ave. — Facility No. 1676

City: San Bernardino — Zip Code: 92407 — Program Record No. 2529

Facility Contact: Daryl Charleston — Facility Phone No. 875-1150 — Number of Tanks: 4

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
302. UST permit fees paid and current	CHSC 25287(a)			
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)			
308. Failure to report change of ownership within 30 days	CHSC 25284(c)			
306. Owner/Operator agreement available	CHSC 25284(a)(3)			
307. Certificate of Financial Responsibility submitted	CHSC 25292.2(a)			
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)			
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)			
312. Designated Operator Statement submitted	CCR 2715(a)			
313. Monthly inspections completed by Designated Operator	CCR 2715(c)			
305. Prior UST violations corrected within 30 days	CCR 2712(f)			
310. Business Plan established and implemented	CHSC 25503.5			
311. Business Plan submitted/updated	CHSC 25505			
MONITORING OF UST SYSTEMS				
309. Failure to properly monitor UST	CHSC 25293			
331. Monitoring system(s) certified annually	CCR 2638 or 2641(j)			
334. Audible/visual alarms operational	CCR 2632(c)(2)(B) and 2636(f)(1)			
314. Certification sticker/tag affixed to monitoring equipment	CCR 2638(f)			
318. Sensors placed at low point of UST system(s)	CCR 2630(d) or 2641(a)			
319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)			
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)			
324. Line leak detector(s) installed and functioning properly	CCR 2636(f)(2) or 2641(f)			
333. Overspill containment installed/tested annually	CHSC 25284.2			
327. Overfill protection device installed/operational	CCR 2635(b)(2)			
328. Secondary containment components tested	CCR 2637(a)			
329. UST system design, construction, and monitoring	CCR 2630 or 2640			
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)			
341. Failure to report unauthorized release	CHSC 25299(d)(1)			
342. Unlawful abandonment of USTs	CHSC 25298(a)			
343. Unlawful closure of USTs	CHSC 25298(c)			
344. Failure to properly temporarily close USTs	CHSC 25298(b)			
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)			
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3			
UNIFORM FIRE CODE REQUIREMENTS				
335. Emergency fuel shut-off device operational	UFC 5201.5.3			
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2			
337. Fire extinguisher(s) present and charged	UFC 5201.9			
338. Address clearly visible from street	UFC 901.4.4			
OTHER REQUIREMENTS				
Significant Operational Compliance – Prevention	40 CFR Part 280			
Significant Operational Compliance – Detection	40 CFR Part 280			
Significant Operational Compliance – Both	40 CFR Part 280			

NARRATIVE / CORRECTIONS

SB.989 Secondary Containment repairs – Primary + Secondary tests

Contractor – Pacific Systems Electric 951-757-9559

Technician –

Primary piping test – All OK

≥75psi for 30min – OK

Soap test – OK

Secondary piping test – All OK

5psi for 30min – OK

Soap test – OK

Hydrostatic test:

MST comparison

UDC's – OK

LLD

☐ **NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN ____ DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

Inspector: Curtis Armstrong — Received by: _____ — Title: _____

COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
ECONOMIC DEVELOPMENT/
PUBLIC SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PETER R. HILLS
Fire Chief
County Fire Warden

AUGUST 18, 2006

VULCAN MATERIALS
2400 W. HIGHLAND AVE.
SAN BERNARDINO, CA. 92407

ATTN: DARRYL CHARLESTON

SUBJECT: VULCAN MATERIALS 2400 W. HIGHLAND AVE SAN BERNARDINO, CA

We have reviewed and approved your work plan for the repairs to the fueling facility at the above referenced address.

The approval is for repairs to sump penetrations/penetration boots, fiberglass repairs to sumps, replacement and testing of Diesel product line, as necessary, and removal or and replacement of dispensers to tighten, repair or replace UDC boots. Additional repairs will require you to notify this Department. (Additional plans may be required)

Completed repairs must be inspected. Inspections must be requested a minimum of 48 hours in advance. The inspector shall require that you demonstrate that all sensors have been properly replaced and provide positive shut down of turbines.

Re-testing of secondary containment shall require a witnessed test. You may schedule this at the same time as the sump repair and monitoring sensor inspection.

Should you have questions contact this office at (909) 386-8464.

JIM E. SMITH, REHS
SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION

JES/cw

cc: Pacific Systems Electric; Dennis Minnock

MARK H. UFFER
County Administrative Officer

NORMAN A. KANOLD
Assistant County Administrator
Economic Development/
Public Services Group

Board of Supervisors
BILL POSTMUS ..... First District
PAUL BIANE ..... Second District
DENNIS HANSBERGER ..... Third District
GARY C. OVITT ..... Fourth District
JOSIE GONZALES ..... Fifth District

MONITORING SYSTEM CERTIFICATION

FA# 1676

For Use In All Jurisdictions Within the State of California

Authority Cited: - Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

RECEIVED
JUL 24 2006
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

A. General Information

Facility Name:	Vulcan Materials Company			Bldg. No:	
Site Address:	2400 West Highland Ave.		San Bernardino	Zip:	92407
Facility Contact Person:	Daryl Charlson	Contact Phone No.:	909.875.1150		
Make/Model of Monitoring System:	Veeder Root TLS 350	Date of Testing/Servicing:	7/18/2006		

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced

Tank ID: 20,000 gallon - DSL			**Tank ID:** 10,000 gallon DSL		
☑ In-Tank Gauging Probe.	Model:	847390-107	☑ In-Tank Gauging Probe	Model:	847390-107
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☑ Piping Sump / Trench Sensor(s).	Model:	794380-208	☑ Piping Sump / Trench Sensor(s)	Model:	794380-208
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☑ Mechanical Line Leak Detector	Model:	Vaporless	☑ Mechanical Line Leak Detector	Model:	Vaporless
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/SFP	☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/SFP
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Tank ID: Waste Oil			**Tank ID:** Bulk Oil		
☑ In-Tank Gauging Probe.	Model:		☑ In-Tank Gauging Probe	Model:	
☐ Annular Space or Vault Sensor	Model:		☐ Annular Space or Vault Sensor.	Model:	
☐ Piping Sump / Trench Sensor(s).	Model:		☐ Piping Sump / Trench Sensor(s)	Model:	
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☐ Mechanical Line Leak Detector	Model:		☐ Mechanical Line Leak Detector	Model:	
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	794390-420	☑ Tank Overfill / High-Level Sensor	Model:	794390-420
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Dispenser ID: 1			**Dispenser ID:** 2		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☑ Dispenser Containment Sensor(s).	Model:	794380-208
☑ Shear Valve(s).			☑ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID: 3			**Dispenser ID:**		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☐ Dispenser Containment Sensor(s).	Model:	
☑ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID:			**Dispenser ID:**		
☐ Dispenser Containment Sensor(s).	Model:		☐ Dispenser Containment Sensor(s).	Model:	
☐ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply):* ☑ **System Setup** ☑ **Alarm History Report**

Technician Name(print):	Russ Jones	Signature:	
Certification No:	A25932	License. No:	5252143-UT
Testing Company Name:	Pacific Systems Electric	Phone No:	951.698.0704
Site Address:	38330 Via La Paloma, CA 92563		

LLD

D. Results of Testing/Servicing

Software Version Installed: 17.02

Complete the following checklist:

☑ Yes	☐ No*	Is the audible alarm operational?
☑ Yes	☐ No*	Is the visual alarm operational?
☑ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No*	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
	☑ N/A	
☑ Yes	☐ No*	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: -which sensors initiate positive shut-down? *(Check all that apply)* ☑ Sump/Trench Sensors; ☑ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☑ Yes ☐ No
	☐ N/A	
☐ Yes	☐ No*	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger?
	☑ N/A	
☐ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product ☐ Water If yes, describe causes in Section E, below.
☑ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

F. In-Tank Gauging / SIR Equipment

☑ Check this box if tank gauging used only for inventory control
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☑ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☑ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☑ Yes	☐ No*	Was accuracy of system product level readings tested?
☑ Yes	☐ No*	Was accuracy of system water level readings tested?
☑ Yes	☐ No*	Were all probes reinstalled properly?
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed

Complete the following checklist:

☑ Yes	☐ No*	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance?
	☐ N/A	*(Check all that apply)* Simulated leak rate: ☑ 3 g.p.h.; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☑ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☑ Yes	☐ No*	Was the testing apparatus properly calibrated?
☑ Yes	☐ No*	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
	☐ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
	☑ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled
	☑ N/A	or disconnected?
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system
	☑ N/A	malfunctions or fails a test?
☐ Yes	☐ No*	For electronic LLDs, have all accessible wiring connections been visually inspected?
	☑ N/A	
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Pacific Systems Electric
38330 Via La Paloma
Murrieta CA 92563
California State License No. 561275
Servicing the Petroleum Industry Since 1989

Mechanical Leak Detectors Test Results

Facility Name: Vulcan Materials Company	**Inspector: Curtis Armstrong**
Address: 2400 W Highland Ave.	**Number of Lines** 2
San Bernardino, CA 92407	**Type:** Mechanical
	Date: 07-18-06

Line Number	20,000 DSL	10,000 DSL
Test Method:	R.J. FTA	R.J. FTA
Product:	DSL	DSL
Manufacturer:	VMI	VMI
MLLD Model:	99LD2000	99LD2000
Serial Number:	02061002	02061003
Line Drain Back (ml):	92	91
L/D Trip Time: (sec)	3	3
Holding Pressure (psi):	29	27
Metering Pressure (psi):	18	15
Leak Rate: (gph)	0.5	0.5
L/D Result:	**Pass**	**Pass**

Tester: Russ Jones

FA 1676

UNDERGROUND STORAGE TANK
RESPONSE PLAN – PAGE 1

(One form per facility)

TYPE OF ACTION ☐ 1. NEW PLAN ☑ 2. CHANGE OF INFORMATION R01.

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)*

BUSINESS NAME (Same as FACILITY NAME) R02.
VULCAN MATERIALS COMPANY

BUSINESS SITE ADDRESS R03.
2400 WEST HIGHLAND

CITY R04.
SAN BERNARDINO

II. SPILL CONTROL AND CLEANUP METHODS

This plan addresses unauthorized releases from UST systems and supplements the emergency response plans and procedures in the facility's Hazardous Materials Business Plan.

- If safe to do so, facility personnel will take immediate measures to control or stop any release (e.g., activate pump shut-off, etc.) and, if necessary, safely remove remaining hazardous material from the UST system.
- Any release to secondary containment will be pumped or otherwise removed within a time consistent with the ability of the secondary containment system to contain the hazardous material, but not greater than 30 calendar days, or sooner if required by the local agency. Recovered hazardous materials, unless still suitable for their intended use, will be managed as hazardous waste.
- Absorbent material will be used to contain and clean up manageable spills of hazardous materials. Absorbent material may be reused until it becomes too saturated to be effective. It will then be managed properly. Used absorbent material, reusable or waste, will be stored in a properly labeled and sealed container.
- Facility personnel will determine whether any water removed from secondary containment systems, or from clean-up activity, has been in contact with any hazardous material. If the water is contaminated, it will be managed as hazardous waste. If the water has a petroleum sheen (i.e., rainbow colors), it is contaminated. A thick floating petroleum layer may not necessarily display rainbow colors. Water (hazardous or non-hazardous) from sumps, spill containers, etc. will not be disposed to storm water systems.
- We will review secondary containment systems for possible deterioration if any of the following conditions occur:
  1. Hazardous material in contact with secondary containment is not compatible with the material used for secondary containment;
  2. Secondary containment is prone to damage from any equipment used to remove or clean up hazardous material collected in secondary containment;
  3. Hazardous material, other than the product/waste stored in the primary containment system, is placed inside secondary containment to treat or neutralize released product/waste, and the added material or resulting material from such a combination is not compatible with secondary containment.

III. SPILL CONTROL AND CLEAN-UP EQUIPMENT

PERIODIC MAINTENANCE: Spill control and clean-up equipment kept permanently on-site is listed in the facility's Hazardous Materials Business Plan. This equipment is inspected at least monthly, and after each use, supplies are replenished as needed. Defective equipment is repaired or replaced as necessary.

EQUIPMENT NOT PERMANENTLY ON-SITE, BUT AVAILABLE FOR USE IF NEEDED: (Complete only if applicable)

EQUIPMENT	LOCATION	AVAILABILITY
R10.	R20.	R30.
R11.	R21.	R31.
R12.	R22.	R32.
R13.	R23.	R33.
R14.	R24.	R34.
R15.	R25.	R35.

IV. RESPONSIBLE PERSONS

THE FOLLOWING PERSON(S) IS/ARE RESPONSIBLE FOR AUTHORIZING ANY WORK NECESSARY UNDER THIS RESPONSE PLAN:

NAME	TITLE
R40. DARRYL CHAMBERLAIN	R50. PLANT MANAGER
R41. MATT BRANSTETTER	R51. ASSISTANT PLANT MANAGER
R42.	R52.
R43.	R53.

V. INDIRECT HAZARD DETERMINATION

This information is required only when the presence of the hazardous substance can not be verified directly by the monitoring method used (e.g., where liquid level measurements in a tank annular space or secondary piping are used as the basis for leak determination).

THE FOLLOWING STEPS WILL BE TAKEN TO VERIFY THE PRESENCE OR ABSENCE OF HAZARDOUS SUBSTANCE IN THE SECONDARY CONTAINMENT IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE:

R60.

RCVD OFM 7/21/06
(LLO stamped BP cov. ltr ex CNO BP was attached)

UNDERGROUND STORAGE TANK

RESPONSE PLAN – PAGE 2

VI. LEAK INTERCEPTION AND DETECTION SYSTEM

This information is required only for motor vehicle fuel UST systems constructed per the Alternate Construction Requirements of 23 CCR §2633, and only if the Leak Interception and Detection System (LIDS) does not meet the volumetric requirements of 23 CCR §2631(d)(1) through (5) (i.e., when accounting for rainfall and backfill material, the secondary containment volume is less than 100% of primary tank volume for a single UST; or in the case of multiple USTs in shared secondary containment, 150% of the largest primary tank volume or 10% of aggregate primary tank volume, whichever is greater).

ATTACH AN ADDITIONAL PAGE TO THIS PLAN CONTAINING THE FOLLOWING INFORMATION:

- The volume of the LIDS in relation to the volume of the primary container;
- The amount of time the LIDS shall provide containment related to the time between detection of an unauthorized release and cleanup of the leaked substance;
- The depth from the bottom of the LIDS to the highest anticipated level of groundwater;
- The nature of the unsaturated soils under the LIDS and their ability to absorb contaminants or to allow movement of contaminants;
- The methods and scheduling for removal of all hazardous substances which may have been discharged from primary containment and are located in the unsaturated soils between the primary containment and groundwater, including the LIDS sump.

VII. REPORTING AND RECORD KEEPING

We will report/record any overfill, spill, or unauthorized release from a UST system as indicated in this plan.

Recordable Releases: Any unauthorized release from primary containment which the UST operator is able to clean up within eight (8) hours after the release was detected or should reasonably have been detected, and which does not escape from secondary containment, does not increase the hazard of fire or explosion, and does not cause any deterioration of secondary containment, must be recorded in the facility's monitoring records. Monitoring records must include:

- The UST operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous substances released;
- A description of the actions taken to control and clean up the release;
- The method and location of disposal of the released hazardous substances, and whether a hazardous waste manifest was or will be used;
- A description of actions taken to repair the UST and to prevent future releases;
- A description of the method used to reactivate interstitial monitoring after replacement or repair of primary containment.

Reportable Releases: Any overfill, spill, or unauthorized release which escapes from secondary containment (or primary containment if no secondary containment exists), increases the hazard of fire or explosion, or causes any deterioration of secondary containment, is a reportable release. Reportable releases are also recordable.

Within 24 hours after a reportable release has been detected, or should have been detected, we will notify the local agency administering the UST program of the release, investigate the release, and take immediate measures to stop the release. If necessary, or if required by the local agency, remaining stored product/waste will be removed from the UST to prevent further releases or facilitate corrective action. If an emergency exists, we will notify the State Office of Emergency Services.

Within five (5) working days of a reportable release, we will submit to the local agency a full written report containing all of the following information to the extent that the information is known at the time of filing the report:

- The UST owner's or operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous materials released;
- The approximate date of the release;
- The date on which the release was discovered;
- The date on which the release was stopped;
- A description of actions taken to control and/or stop the release;
- A description of corrective and remedial actions, including investigations which were undertaken and will be conducted to determine the nature and extent of soil, ground water or surface water contamination due to the release;
- The method(s) of cleanup implemented to date, proposed cleanup actions, and a schedule for implementing the proposed actions;
- The method(s) and location(s) of disposal of released hazardous materials and any contaminated soils, groundwater, or surface water.
- Copies of any hazardous waste manifests used for off-site transport of hazardous wastes associated with clean-up activity;
- A description of proposed methods for any repair or replacement of UST system primary/secondary containment systems;
- A description of additional actions taken to prevent future releases.

We will follow the reporting procedures described above if any of the following conditions occur:

- A recordable unauthorized release can not be cleaned up or is still under investigation within eight (8) hours of detection;
- Released hazardous substances are discovered at the UST site or in the surrounding area;
- Unusual operating conditions are observed, including erratic behavior of product dispensing equipment, sudden loss of product, or the unexplained presence of water in the tank, unless system equipment is found to be defective and is immediately repaired or replaced, and no leak has occurred;
- Monitoring results from UST system monitoring equipment/methods indicate that a release may have occurred, unless the monitoring equipment is found to be defective and is immediately repaired, recalibrated, or replaced, and additional monitoring does not confirm the initial results.

Record Retention: Monitoring records and written reports of unauthorized releases must be maintained on-site (or off-site at a readily available location, if approved by the local agency) for at least 3 years. Hazardous waste shipping/disposal records (e.g., manifests) must be maintained for at least 3 years from the date of shipment.

VIII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	DATE R70.
Dennis Merrick	JUNE 28, 2006
OWNER/OPERATOR NAME (print) R71.	**OWNER/OPERATOR TITLE R72.**
DENNIS MERRICK	DESIGNATED TANK OPERATOR

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

UNDERGROUND STORAGE TANK
MONITORING PLAN – PAGE 1

TYPE OF ACTION ☐ 1. NEW PLAN ☑ 2. CHANGE OF INFORMATION M01.

PLAN TYPE ☑ MONITORING IS IDENTICAL FOR ALL USTs AT THIS FACILITY. M02.
(Check one item only) ☐ THIS PLAN COVERS ONLY THE FOLLOWING UST SYSTEM(S): _____

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)*

BUSINESS NAME (Same as FACILITY NAME) VULCAN MATERIALS COMPANY M03.

BUSINESS SITE ADDRESS 2400 W. HIGHLAND M04. | CITY SAN BERNARDINO M05.

II. EQUIPMENT TESTING AND PREVENTIVE MAINTENANCE

State law requires that testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors, probes, line leak detectors, etc.) be performed at the frequency specified by the equipment manufacturers' instructions, or annually, whichever is more frequent, and that such work must be performed by qualified personnel.

MONITORING EQUIPMENT IS SERVICED ☑ 1. ANNUALLY M06. ☐ 99. OTHER (Specify): _____ M07.

III. MONITORING LOCATIONS

This monitoring plan must include a Site Plan showing the general tank and piping layouts and the locations where monitoring is performed (i.e., location of each sensor, line leak detector, monitoring system control panel, etc.). If you already have a diagram (e.g., current UST Monitoring Site Plan from a Monitoring System Certification form, Hazardous Materials Business Plan map, etc.) which shows all required information, include it with this plan.

IV. TANK MONITORING

MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S): (Check all that apply) M10.

☑ 1. CONTINUOUS ELECTRONIC MONITORING OF TANK ANNULAR (INTERSTITIAL) SPACE(S) OR SECONDARY CONTAINMENT VAULT(S)
- SECONDARY CONTAINMENT IS: ☑ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. VACUUM M11.
- PANEL MANUFACTURER: VEEDER ROOT M12. MODEL #: TLS-350 M13.
- LEAK SENSOR MANUFACTURER: VEEDER ROOT M14. MODEL #(S): 420 M15.

☐ 2. AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR SINGLE WALL TANK(S)
- PANEL MANUFACTURER: _____ M16. MODEL #: _____ M17.
- IN-TANK PROBE MANUFACTURER: _____ M18. MODEL #(S): _____ M19.
- LEAK TEST FREQUENCY: ☐ a. CONTINUOUS ☐ b. DAILY/NIGHTLY ☐ c. WEEKLY M20.
  ☐ d. MONTHLY ☐ e. OTHER (Specify): _____ M21.
- PROGRAMMED TESTS: ☐ a. 0.1 g.p.h. ☐ b. 0.2 g.p.h. ☐ c. OTHER (Specify): _____ M22. M23.

☑ 3. INVENTORY RECONCILIATION ☑ a. MANUAL PER 23 CCR §2646 ☐ b. STATISTICAL PER 23 CCR §2646.1 M24.

☐ 4. WEEKLY MANUAL TANK GAUGING (MTG) PER 23 CCR §2645
- TESTING PERIOD: ☐ a. 36 HOURS ☐ b. 60 HOURS M25.

☐ 5. INTEGRITY TESTING PER 23 CCR §2643.1
- TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. BIENNIALLY ☐ c. OTHER (Specify): _____ M26. M27.

☑ 6. VISUAL MONITORING: ☑ a. DAILY ☐ b. WEEKLY

☐ 99. OTHER (Specify): _____ M28.

V. PIPE MONITORING

MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply) M30.

☑ 1. CONTINUOUS MONITORING OF PIPING SUMP(S)/TRENCH(ES) AND OTHER SECONDARY CONTAINMENT
- SECONDARY CONTAINMENT IS: ☑ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. VACUUM M31.
- PANEL MANUFACTURER: VEEDER ROOT M32. MODEL #: TLS-350 M33.
- LEAK SENSOR MANUFACTURER: VEEDER ROOT M34. MODEL #(S): 208 M35.
- WILL A PIPING LEAK ALARM TRIGGER AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN? ☑ a. YES ☐ b. NO M36.
- WILL FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGER AUTOMATIC PUMP SHUTDOWN? ☑ a. YES ☐ b. NO M37

☐ 2. MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS AND RESTRICTS OR SHUTS OFF PRODUCT FLOW WHEN A LEAK IS DETECTED
- MLLD MANUFACTURER(s): VAPORLESS MFG. M38. MODEL #(S): VMI-2000 M39.

☐ 3. ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS
- ELLD MANUFACTURER(s): _____ M40. MODEL #(S): _____ M41.
- PROGRAMMED IN LINE TESTING: ☐ a. MINIMUM MONTHLY 0.2 g.p.h. ☐ b. MINIMUM ANNUAL 0.1 g.p.h. M42.
- WILL ELLD DETECTION OF A PIPING LEAK TRIGGER AUTOMATIC PUMP SHUTDOWN? ☐ a. YES ☐ b. NO M43.
- WILL ELLD FAILURE/DISCONNECTION TRIGGER AUTOMATIC PUMP SHUTDOWN? ☐ a. YES ☐ b. NO M44.

☐ 4. INTEGRITY TESTING
- TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. EVERY 3 YEARS ☐ c. OTHER (Specify) _____ M45. M46.

☐ 5. VISUAL MONITORING: ☐ a. DAILY ☐ b. WEEKLY ☐ c. MIN. MONTHLY & EACH TIME SYSTEM OPERATED* M47
* Allowed for monitoring of unburied emergency generator fuel piping only per HSC §25281.5(b)(3)

☐ 6. SUCTION PIPING MEETS EXEMPTION CRITERIA PER 23 CCR §2636(a)(3)

☐ 7. NO PRODUCT OR REMOTE FILL PIPING IS CONNECTED TO THE UST(s)

☐ 99. OTHER (Specify) _____ M48

UNDERGROUND STORAGE TANK

MONITORING PLAN – PAGE 2

VI. DISPENSER MONITORING

MONITORING OF AREAS BENEATH DISPENSER(S) IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply) M50.

☑ 1. CONTINUOUS MONITORING OF UNDER DISPENSER CONTAINMENT (UDC)

PANEL MANUFACTURER: VEEDER ROOT M51. MODEL #: TLS-350 M52.

LEAK SENSOR MANUFACTURER: VEEDER ROOT M53. MODEL #(S): 208 M54.

WILL DETECTION OF A LEAK IN THE UDC TRIGGER AUDIBLE AND VISUAL ALARMS? ☑ a. YES ☐ b. NO M55.

WILL A UDC LEAK ALARM TRIGGER AUTOMATIC PUMP SHUTDOWN? ☑ a. YES ☐ b. NO M56.

WILL FAILURE/DISCONNECTION OF UDC MONITORING SYSTEM TRIGGER AUTOMATIC PUMP SHUTDOWN? ☑ a. YES ☐ b. NO M57.

☐ 2. MECHANICAL CONTINUOS MONITORING (e.g., FLOAT AND CHAIN ASSEMBLY) IN UDC TRIPS SHEAR VALVE IN CASE OF LEAK

MANUFACTURER: _____ M58. MODEL #(S): _____ M59.

☐ 3. VISUAL MONITORING DONE: ☐ a. DAILY ☐ b. WEEKLY M60.

☐ 4. NO DISPENSERS

☐ 99. OTHER (Specify) _____ M61.

VII. ENHANCED LEAK DETECTION

☐ 1. WE HAVE BEEN NOTIFIED BY THE STATE WATER RESOURCES CONTROL BOARD THAT WE MUST PERFORM ENHANCED LEAK DETECTION (ELD) FOR THE UST(S) COVERED BY THIS PLAN. PER 23 CCR §2644.1, ELD IS PERFORMED EVERY 36 MONTHS AS REQUIRED M70.

VIII. TRAINING

REFERENCE DOCUMENTS MAINTAINED AT FACILITY (Check all that apply) M80.

1. ☑ THIS UNDERGROUND STORAGE TANK MONITORING PLAN **(Required)**
2. ☑ OPERATING MANUALS FOR ELECTRONIC MONITORING EQUIPMENT **(Required)**
3. ☑ THE FACILITY'S BEST MANAGEMENT PRACTICES **(Required as of January 1, 2005)**
4. ☐ CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS
5. ☐ CALIFORNIA UNDERGROUND STORAGE TANK LAW
6. ☐ STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION: "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION"
7. ☐ SWRCB PUBLICATION: "WEEKLY MANUAL TANK GAUGING FOR SMALL UNDERGROUND STORAGE TANKS"
99. ☑ OTHER (Specify): MONTHLY OR MORE UST INSPECTIONS / TRAINING M81.

Personnel with UST monitoring responsibilities are familiar with all of the above documents relevant to their job duties and can access those documents when needed. By January 1, 2005, this facility will have a "Designated UST Operator" who has passed the California UST Sytem Operator Exam administered by the International Code Council (ICC). By July 1, 2005, and annually thereafter, the "Designated UST Operator" will train facility employees in the proper operation and maintenance of the UST systems. This training will include, but is not limited to, the following:

- Operation of the UST systems in a manner consistent with the facility's best management practices.
- The facility employee's role with regard to the leak detection equipment.
- The facility employee's role with regard to spills and overfills.
- Whom to contact for emergencies and leak detection alarms.

For facility employees hired on or after July 1, 2005, the initial training will be conducted within 30 days of the date of hire.

IX. COMMENTS/ADDITIONAL INFORMATION

Please use this section to include any additional UST system monitoring-related information (e.g., additional information required by your local agency): M85.

X. PERSONNEL RESPONSIBILITIES

AS OF JANUARY 1, 2005, THE "DESIGNATED UST OPERATOR" IDENTIFIED IN SECTION III OF THE CURRENT UST OPERATING PERMIT APPLICATION – FACILITY FORM WILL HAVE ULTIMATE AUTHORITY FOR PERFORMING THE MONITORING ACTIVITIES AND MAINTAINING LEAK DETECTION EQUIPMENT COVERED BY THIS PLAN TITLE 23 CCR § 2715(c), AND WILL PERFORM AND DOCUMENT MINIMUM MONTHLY VISUAL INSPECTIONS OF THE FACILITY'S UST SYSTEMS IN ACCORDANCE WITH TITLE 23 CCR § 2715(c).

XI. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE: Dennis Mainwork

REPRESENTING: ☑ Owner ☐ Operator M90.

DATE: JUNE 28, 2006 M91.

OWNER/OPERATOR NAME (print): DENNIS MAINWORK M92.

OWNER/OPERATOR TITLE: DESIGNATED TANK OPERATOR M93.

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

Comments/Special Conditions: _____

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UNDERGROUND STORAGE TANKS - FACILITY

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 3. RENEWAL PERMIT ☐ 4. AMENDED PERMIT ☑ 5. CHANGE OF INFORMATION (Specify change - local use only) UNL TO DSL ☐ 6. TEMPORARY SITE CLOSURE ☐ 7. PERMANENTLY CLOSED SITE ☐ 8. TANK REMOVED 400

I. FACILITY / SITE INFORMATION

FACILITY ID # 3 6 0 0 1 1 6 7 9 1

SITE NAME (Same as FACILITY NAME or DBA) 3: VULCAN MATERIALS Co.

BUSINESS ADDRESS: 2400 WEST HIGHLAND

CITY: SAN BERNARDINO

ZIP CODE: 92407

NEAREST CROSS STREET 401:

FACILITY OWNER TYPE 402:
☑ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY/DISTRICT* ☐ 5. COUNTY AGENCY* ☐ 6. STATE AGENCY* ☐ 7. FEDERAL AGENCY*

BUSINESS TYPE 403:
☐ 1. GAS STATION ☐ 3. FARM ☑ 5. COMMERCIAL ☐ 2. DISTRIBUTOR ☐ 4. PROCESSOR ☐ OTHER

TOTAL NUMBER OF TANKS ON SITE 404: 4

Is facility on Indian Reservation or trustlands? 405: ☐ Yes ☑ No

*If owner of UST is a public agency: name of supervisor of division, section or office which operates the UST. (This is the contact person for the tank records) 406:

II. TANK OPERATOR INFORMATION

TANK OPERATOR NAME 407: VULCAN MATERIALS Co.

PHONE 408: 909. 875-1150

MAILING OR STREET ADDRESS 409: 2400 WEST HIGHLAND

CITY 410: SAN BERNARDINO

STATE 411: CA

ZIP CODE 412: 92407

TANK OPERATOR TYPE 413:
☑ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY / DISTRICT ☐ 5. COUNTY AGENCY ☐ 7. STATE AGENCY ☐ 8. FEDERAL AGENCY

III. TANK OWNER INFORMATION

TANK OWNER NAME 414: VULCAN MATERIALS Co

PHONE 415: 909. 875-1150

MAILING OR STREET ADDRESS 416: 2400 WEST HIGHLAND

CITY 417: SAN BERNARDINO

STATE 418: CA

ZIP CODE 419: 92407

TANK OWNER TYPE 420:
☑ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY / DISTRICT ☐ 5. COUNTY AGENCY ☐ 7. STATE AGENCY ☐ 8. FEDERAL AGENCY

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44-011153 421

Call (916) 322 - 9669 if questions arise

V. PETROLEUM UST FINANCIAL RESPONSIBILITY

INDICATE METHOD(S):
☑ 1. SELF-INSURED ☐ 2. GUARANTEE ☐ 3. INSURANCE ☐ 4. SURETY BOND ☐ 5. LETTER OF CREDIT ☐ 6. EXEMPTION ☑ 7. STATE FUND ☑ 8. STATE FUND & CFO LETTER ☐ 9. STATE FUND & CD ☐ 10. LOCAL GOV'T MECHANISM ☐ 99. OTHER: 422

VI. LEGAL NOTIFICATION AND MAILING ADDRESS

Check one box to indicate which address should be used for legal notifications and mailing. Legal notifications and mailings will be sent to the tank owner ONLY, unless box 1 or 2 is checked. 423:
☑ 1. FACILITY ☐ 2. PROPERTY OWNER ☐ 3. TANK OWNER

VII. APPLICANT SIGNATURE

Certification: I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF APPLICANT: Dennis M. Mennick

DATE 424: JUNE 28, 2006

PHONE 425: 909. 875-1150

NAME OF APPLICANT (print) 426: DENNIS M. MENNICK

TITLE OF APPLICANT 427: DESIGNATED TANK OPERATOR

STATE UST FACILITY NUMBER (For local use only) 428:

1998 UPGRADE CERTIFICATE NUMBER (For local use only) 429:

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UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only): ☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY SITE CLOSURE ☑ 3. RENEWAL PERMIT ☐ 7. PERMANENTLY CLOSED ON SITE ☐ 8. TANK REMOVED 430

(Specify reason - for local use only) (Specify change - for local use only)

FACILITY ID # 3 6 0 0 1 . 1679 1 BUSINESS NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS CO.

BUSINESS ADDRESS 2400 WEST HIGHLAND CITY SAN BERNARDINO ZIP CODE 92407

LOCATION WITHIN SITE (Optional) 431

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 1 (432) | TANK MANUFACTURER 433: JOOR | COMPARTMENTALIZED TANK ☐ Yes ☑ No 434 (If "Yes", complete one page for each compartment.)

DATE INSTALLED (YEAR/MO) 435 | TANK CAPACITY IN GALLONS 436: 20,000 GALLONS | NUMBER OF COMPARTMENTS 437: 0

ADDITIONAL DESCRIPTION 438

II. TANK CONTENTS

TANK USE 439

☑ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440

☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☑ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MID-GRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER

COMMON NAME (from Hazardous Materials Inventory page) 441: RED DYE DIESEL

CAS # (from Hazardous Materials Inventory page) 442

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM
☑ 2. DOUBLE WALL ☐ 4. SINGLE WALL IN A VAULT ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only) 444
☑ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☑ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 99. OTHER
☐ 5. CONCRETE ☐ 10. COATED STEEL

TANK INTERIOR LINING OR COATING (Check one item only)
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☐ 95. UNKNOWN 446 DATE INSTALLED 447
☐ 2. ALKYD LINING ☐ 4. PHENOLIC LINING ☐ 6. UNLINED ☐ 99. OTHER (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply)
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 95. UNKNOWN 448 DATE INSTALLED 449
☐ 2. SACRIFICIAL ANODE ☐ 4. IMPRESSED CURRENT ☐ 99. OTHER (For local use only)

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED 450	TYPE (For local use only) 451
☑ 1. SPILL CONTAINMENT	1987	
☑ 2. DROP TUBE	1997	
☑ 3. STRIKER PLATE	1987	

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☑ 1. ALARM 1997 ☐ 3. FILL TUBE SHUT OFF VALVE 1997
☑ 2. BALL FLOAT 1987 ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): 453
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): 454
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) 455 | ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456 ____ gallons | TANK FILLED WITH INERT MATERIAL? 457 ☐ Yes ☐ No

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TK # 1

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION *(Check all that apply)*

	UNDERGROUND PIPING	ABOVEGROUND PIPING
TEM TYPE	☑ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459
STRUCTION/ UFACTURER	☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460 ☑ 2. DOUBLE WALL ☐ 95. UNKNOWN MANUFACTURER TOOR 461	☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462 ☐ 2. DOUBLE WALL ☐ 99. OTHER MANUFACTURER 463
ERIALS AND ROSION TECTION *ck all that y)*	☐ 1. BARE STEEL ☑ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 95. UNKNOWN ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 5. STEEL W/ COATING ☐ 9. CATHODIC PROTECTION 464	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION ☐ 5. STEEL W/ COATING ☐ 95. UNKNOWN 465

VII. PIPING LEAK DETECTION *(Check all that apply)(a description of the monitoring program shall be submitted to the local agency.)*

UNDERGROUND PIPING

SINGLE WALL PIPING 466

SSURIZED PIPING *(Check all that apply)*:

1. ☐ ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
2. ☐ MONTHLY 0.2 GPH TEST
3. ☐ ANNUAL INTEGRITY TEST (0.1 GPH)

NVENTIONAL SUCTION SYSTEMS:

5. ☐ DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

E SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

7. ☐ SELF MONITORING

AVITY FLOW:

9. ☐ BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

RESSURIZED PIPING *(Check all that apply)*:

10. ☐ CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
   - ☑ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
   - ☑ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
   - ☐ c. NO AUTO PUMP SHUT OFF
11. ☐ AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION
12. ☐ ANNUAL INTEGRITY TEST (0.1 GPH)

JCTION/GRAVITY SYSTEM:

13. ☐ CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply)*:

14. ☐ CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
15. ☐ AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION
16. ☐ ANNUAL INTEGRITY TEST
17. ☐ DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING *(Check all that apply)*:

1. ☐ ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
2. ☐ MONTHLY 0.2 GPH TEST
3. ☐ ANNUAL INTEGRITY TEST (0.1 GPH)
4. ☐ DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS:

5. ☐ DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
6. ☐ TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

7. ☐ SELF MONITORING

GRAVITY FLOW:

8. ☐ DAILY VISUAL MONITORING
9. ☐ BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply)*:

10. ☐ CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
   - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
   - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
   - ☐ c. NO AUTO PUMP SHUT OFF
11. ☐ AUTOMATIC LEAK
12. ☐ ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

13. ☐ CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply)*:

14. ☐ CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
15. ☐ AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST
16. ☐ ANNUAL INTEGRITY TEST
17. ☐ DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

PENSER CONTAINMENT TE INSTALLED 468: 1997

- ☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
- ☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
- ☑ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
- ☐ 4. DAILY VISUAL CHECK
- ☐ 5. TRENCH LINER / MONITORING
- ☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

ertify that the information provided herein is true and accurate to the best of my knowledge.

GNATURE OF OWNER/OPERATOR: Dennis Mennock

DATE 470: JUNE 28, 2006

AME OF OWNER/OPERATOR(print) 471: DENNIS M. MANNOCK

TITLE OF OWNER/OPERATOR 472: DESIGNATED TANK OPERATOR

vised 5/11/2002

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UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☑ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY SITE CLOSURE
☐ 3. RENEWAL PERMIT ☐ 7. PERMANENTLY CLOSED ON SITE
☐ 8. TANK REMOVED 430
(Specify reason - for local use only) (Specify change - for local use only)
UNL TK TO DSL TK

FACILITY ID # 3 6 0 0 1 1 6 7 9 1 BUSINESS NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS Co.

BUSINESS ADDRESS 2400 WEST HIGHLAND CITY SAN BERNARDINO ZIP CODE 92407

LOCATION WITHIN SITE (Optional) 431

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 2 (432) | TANK MANUFACTURER JOOR (433) | COMPARTMENTALIZED TANK ☑ Yes ☐ No (434) If "Yes", complete one page for each compartment.

DATE INSTALLED (YEAR/MO) 1987/03 (435) | TANK CAPACITY IN GALLONS 12,000 (436) | NUMBER OF COMPARTMENTS 3 TOTAL (437)

ADDITIONAL DESCRIPTION 438

II. TANK CONTENTS

TANK USE 439
☑ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☑ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MID-GRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER

COMMON NAME (from Hazardous Materials Inventory page) 441: CLEAR DIESEL #2

CAS # (from Hazardous Materials Inventory page) 442

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM
☑ 2. DOUBLE WALL ☐ 4. SINGLE WALL IN A VAULT ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only) 444
☑ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☑ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 99. OTHER
☐ 5. CONCRETE ☐ 10. COATED STEEL

TANK INTERIOR LINING OR COATING (Check one item only)
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☐ 95. UNKNOWN 446 DATE INSTALLED 447
☐ 2. ALKYD LINING ☐ 4. PHENOLIC LINING ☐ 6. UNLINED ☐ 99. OTHER (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply)
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 95. UNKNOWN 448 DATE INSTALLED 449
☐ 4. IMPRESSED CURRENT ☐ 99. OTHER
☐ 2. SACRIFICIAL ANODE (For local use only)

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED 450	TYPE (For local use only) 451
☑ 1. SPILL CONTAINMENT	1987	
☑ 2. DROP TUBE	1997	
☑ 3. STRIKER PLATE	1987	

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☑ 1. ALARM 1997 ☑ 3. FILL TUBE SHUT OFF VALVE 1997
☑ 2. BALL FLOAT 1987 ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): 453
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): 454
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) 455 | ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456 gallons | TANK FILLED WITH INERT MATERIAL? 457 ☐ Yes ☐ No

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TK # 2

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION *(Check all that apply)*

	UNDERGROUND PIPING	ABOVEGROUND PIPING
TEM TYPE	☑ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459
ISTRUCTION/ IUFACTURER	☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460 ☑ 2. DOUBLE WALL ☐ 95. UNKNOWN MANUFACTURER SMITH 461	☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462 ☐ 2. DOUBLE WALL ☐ 99. OTHER MANUFACTURER 463
ERIALS AND RROSION OTECTION ck all that y)	☐ 1. BARE STEEL ☑ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 95. UNKNOWN ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 5. STEEL W/ COATING ☐ 9. CATHODIC PROTECTION 464	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION ☐ 5. STEEL W/ COATING ☐ 95. UNKNOWN 465

VII. PIPING LEAK DETECTION *(Check all that apply)(a description of the monitoring program shall be submitted to the local agency.)*

UNDERGROUND PIPING

SINGLE WALL PIPING 466

ESSURIZED PIPING *(Check all that apply):*

1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
2. MONTHLY 0.2 GPH TEST
3. ANNUAL INTEGRITY TEST (0.1 GPH)

NVENTIONAL SUCTION SYSTEMS:

] 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

FE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

] 7. SELF MONITORING

RAVITY FLOW:

] 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

RESSURIZED PIPING *(Check all that apply):*

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
   - ☑ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
   - ☑ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
   - ☐ c. NO AUTO PUMP SHUT OFF
11. ☑ AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION
12. ☐ ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

13. ☐ CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

14. ☐ CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
15. ☐ AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION
16. ☐ ANNUAL INTEGRITY TEST
17. ☐ DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING *(Check all that apply):*

1. ☐ ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
2. ☐ MONTHLY 0.2 GPH TEST
3. ☐ ANNUAL INTEGRITY TEST (0.1 GPH)
4. ☐ DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS:

5. ☐ DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
6. ☐ TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

7. ☐ SELF MONITORING

GRAVITY FLOW:

8. ☐ DAILY VISUAL MONITORING
9. ☐ BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
   - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
   - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
   - ☐ c. NO AUTO PUMP SHUT OFF
11. ☐ AUTOMATIC LEAK
12. ☐ ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

13. ☐ CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

14. ☐ CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
15. ☐ AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST
16. ☐ ANNUAL INTEGRITY TEST
17. ☐ DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT DATE INSTALLED 468: 1997

- ☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
- ☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
- ☑ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
- ☐ 4. DAILY VISUAL CHECK
- ☐ 5. TRENCH LINER / MONITORING
- ☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR: Dennis Winnock

DATE 470: JUNE 28, 2006

NAME OF OWNER/OPERATOR(print) 471: Dennis Winnock

TITLE OF OWNER/OPERATOR 472: DESIGNATED TANK OPERATOR

Revised 6/11/2002

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UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY SITE CLOSURE
☑ 3. RENEWAL PERMIT (Specify reason - for local use only) (Specify change - for local use only) ☐ 7. PERMANENTLY CLOSED ON SITE ☐ 8. TANK REMOVED 430

FACILITY ID # 3 6 0 0 1 . 1679 1 BUSINESS NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS Co.

BUSINESS ADDRESS 2400 WEST HIGHLAND CITY SAN BERNARDINO ZIP CODE 92407

LOCATION WITHIN SITE (Optional) 431

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 3 432 | TANK MANUFACTURER FOOR 433 | COMPARTMENTALIZED TANK ☑ Yes ☐ No 434 (If "Yes", complete one page for each compartment.)

DATE INSTALLED (YEAR/MO) 1987/03 435 | TANK CAPACITY IN GALLONS 4500 GALLONS 436 | NUMBER OF COMPARTMENTS 3 TOTAL 437

ADDITIONAL DESCRIPTION 438

II. TANK CONTENTS

TANK USE 439
☐ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☑ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MID-GRADE UNLEADED ☐ 4. GASOHOL ☑ 99. OTHER WASTE OIL

COMMON NAME (from Hazardous Materials Inventory page) 441: WASTE OIL

CAS # (from Hazardous Materials Inventory page) 442:

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM
☑ 2. DOUBLE WALL ☐ 4. SINGLE WALL IN A VAULT ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only) 444
☑ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☑ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 99. OTHER
☐ 5. CONCRETE ☐ 10. COATED STEEL

TANK INTERIOR LINING OR COATING (Check one item only) 446
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☐ 95. UNKNOWN ☐ 99. OTHER
☐ 2. ALKYD LINING ☐ 4. PHENOLIC LINING ☐ 6. UNLINED
DATE INSTALLED 447 (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply) 448
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 95. UNKNOWN
☐ 2. SACRIFICIAL ANODE ☐ 4. IMPRESSED CURRENT ☐ 99. OTHER
DATE INSTALLED 449 (For local use only)

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED 450	TYPE (For local use only) 451
☑ 1. SPILL CONTAINMENT	1997	
☐ 2. DROP TUBE		
☑ 3. STRIKER PLATE	1987	

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☑ 1. ALARM 1997 ☐ 3. FILL TUBE SHUT OFF VALVE
☑ 2. BALL FLOAT 1987 ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): 453
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): 454
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) 455 | ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456 gallons | TANK FILLED WITH INERT MATERIAL? 457 ☐ Yes ☐ No

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TK # 3
WASTE OIL

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION *(Check all that apply)*

	UNDERGROUND PIPING	ABOVEGROUND PIPING
TEM TYPE	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459
ISTRUCTION/ IUFACTURER	☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460 ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN MANUFACTURER 461	☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462 ☐ 2. DOUBLE WALL ☐ 99. OTHER MANUFACTURER 463
'ERIALS AND RROSION)TECTION 'ck all that 'y)	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 95. UNKNOWN ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 5. STEEL W/ COATING ☐ 9. CATHODIC PROTECTION 464	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION ☐ 5. STEEL W/ COATING ☐ 95. UNKNOWN 465

VII. PIPING LEAK DETECTION *(Check all that apply)(a description of the monitoring program shall be submitted to the local agency.)*

UNDERGROUND PIPING

SINGLE WALL PIPING 466

ESSURIZED PIPING *(Check all that apply)*:

1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
2. MONTHLY 0.2 GPH TEST
3. ANNUAL INTEGRITY TEST (0.1 GPH)

NVENTIONAL SUCTION SYSTEMS:

5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

FE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

7. SELF MONITORING

AVITY FLOW:

9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

RESSURIZED PIPING *(Check all that apply)*:

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
    - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
    - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
    - ☐ c. NO AUTO PUMP SHUT OFF
11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION
12. ANNUAL INTEGRITY TEST (0.1 GPH)

UCTION/GRAVITY SYSTEM:

13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply)*:

14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION
16. ANNUAL INTEGRITY TEST
17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING *(Check all that apply)*:

1. ☐ ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
2. ☐ MONTHLY 0.2 GPH TEST
3. ☐ ANNUAL INTEGRITY TEST (0.1 GPH)
4. ☐ DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS:

5. ☐ DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
6. ☐ TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

7. ☐ SELF MONITORING

GRAVITY FLOW:

8. ☐ DAILY VISUAL MONITORING
9. ☐ BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply)*:

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
    - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
    - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
    - ☐ c. NO AUTO PUMP SHUT OFF
11. ☐ AUTOMATIC LEAK
12. ☐ ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

13. ☐ CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply)*:

14. ☐ CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
15. ☐ AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST
16. ☐ ANNUAL INTEGRITY TEST
17. ☐ DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

ISPENSER CONTAINMENT ATE INSTALLED 468 _____

- ☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
- ☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
- ☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
- ☐ 4. DAILY VISUAL CHECK
- ☐ 5. TRENCH LINER / MONITORING
- ☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR: Dennis McCormick

DATE 470: JUNE 28, 2006

NAME OF OWNER/OPERATOR(print) 471: DENNIS MCCORMICK

TITLE OF OWNER/OPERATOR 472: DESIGNATED TANK OPERATOR

Revised 8/11/2002

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UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY SITE CLOSURE
☐ 3. RENEWAL PERMIT ☐ 7. PERMANENTLY CLOSED ON SITE
(Specify reason - for local use only) (Specify change - for local use only) ☐ 8. TANK REMOVED 43

FACILITY ID # 3 6 0 0 1 1 BUSINESS NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS CO.

BUSINESS ADDRESS 2400 WEST HIGHLAND CITY SAN BERNARDINO ZIP CODE 92407

LOCATION WITHIN SITE (Optional) 43

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 4 432 | TANK MANUFACTURER TOOR 433 | COMPARTMENTALIZED TANK ☑ Yes ☐ No 43
If "Yes", complete one page for each compartment.

DATE INSTALLED (YEAR/MO) 1987/03 435 | TANK CAPACITY IN GALLONS 3500 GALLONS 436 | NUMBER OF COMPARTMENTS 3 TOTAL 43

ADDITIONAL DESCRIPTION 43

II. TANK CONTENTS

TANK USE 439
☐ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☑ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 44
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MID-GRADE UNLEADED ☐ 4. GASOHOL ☑ 99. OTHER Bulk Oil

COMMON NAME (from Hazardous Materials Inventory page) 441: NEW OIL
CAS # (from Hazardous Materials Inventory page) 442:

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM
☑ 2. DOUBLE WALL ☐ 4. SINGLE WALL IN A VAULT ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only) 444
☑ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☑ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 99. OTHER
☐ 5. CONCRETE ☐ 10. COATED STEEL

TANK INTERIOR LINING OR COATING (Check one item only) 446
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☐ 95. UNKNOWN
☐ 2. ALKYD LINING ☐ 4. PHENOLIC LINING ☐ 6. UNLINED ☐ 99. OTHER
DATE INSTALLED 447 (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply) 448
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 95. UNKNOWN
☐ 2. SACRIFICIAL ANODE ☐ 4. IMPRESSED CURRENT ☐ 99. OTHER
DATE INSTALLED 449 (For local use only)

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED 450	TYPE (For local use only) 451
☑ 1. SPILL CONTAINMENT	1997	
☐ 2. DROP TUBE		
☑ 3. STRIKER PLATE	1987	

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☑ 1. ALARM ☐ 3. FILL TUBE SHUT OFF VALVE
☑ 2. BALL FLOAT ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): 453
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): 454
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) 455 | ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456 gallons | TANK FILLED WITH INERT MATERIAL? 457 ☐ Yes ☐ No

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

TK # 4
NEW OIL

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION *(Check all that apply)*

	UNDERGROUND PIPING	ABOVEGROUND PIPING
TEM TYPE	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459
JSTRUCTION/ NUFACTURER	☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460 ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN MANUFACTURER 461	☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462 ☐ 2. DOUBLE WALL ☐ 99. OTHER MANUFACTURER 463
TERIALS AND RROSION OTECTION ck all that ly)	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 95. UNKNOWN ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 5. STEEL W/ COATING ☐ 9. CATHODIC PROTECTION 464	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION ☐ 5. STEEL W/ COATING ☐ 95. UNKNOWN 465

VII. PIPING LEAK DETECTION *(Check all that apply)(a description of the monitoring program shall be submitted to the local agency.)*

UNDERGROUND PIPING

SINGLE WALL PIPING 466

ESSURIZED PIPING *(Check all that apply):*

1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
2. MONTHLY 0.2 GPH TEST
3. ANNUAL INTEGRITY TEST (0.1 GPH)

NVENTIONAL SUCTION SYSTEMS:

5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

FE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

7. SELF MONITORING

AVITY FLOW:

9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

RESSURIZED PIPING *(Check all that apply):*

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
    - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
    - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
    - ☐ c. NO AUTO PUMP SHUT OFF
11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION
12. ANNUAL INTEGRITY TEST (0.1 GPH)

UCTION/GRAVITY SYSTEM:

13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION
16. ANNUAL INTEGRITY TEST
17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING *(Check all that apply):*

1. ☐ ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
2. ☐ MONTHLY 0.2 GPH TEST
3. ☐ ANNUAL INTEGRITY TEST (0.1 GPH)
4. ☐ DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS:

5. ☐ DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
6. ☐ TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

7. ☐ SELF MONITORING

GRAVITY FLOW:

8. ☐ DAILY VISUAL MONITORING
9. ☐ BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
    - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
    - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
    - ☐ c. NO AUTO PUMP SHUT OFF
11. ☐ AUTOMATIC LEAK
12. ☐ ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

13. ☐ CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

14. ☐ CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
15. ☐ AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST
16. ☐ ANNUAL INTEGRITY TEST
17. ☐ DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

ISPENSER CONTAINMENT ATE INSTALLED 468

- ☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
- ☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
- ☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
- ☐ 4. DAILY VISUAL CHECK
- ☐ 5. TRENCH LINER / MONITORING
- ☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

certify that the information provided herein is true and accurate to the best of my knowledge.

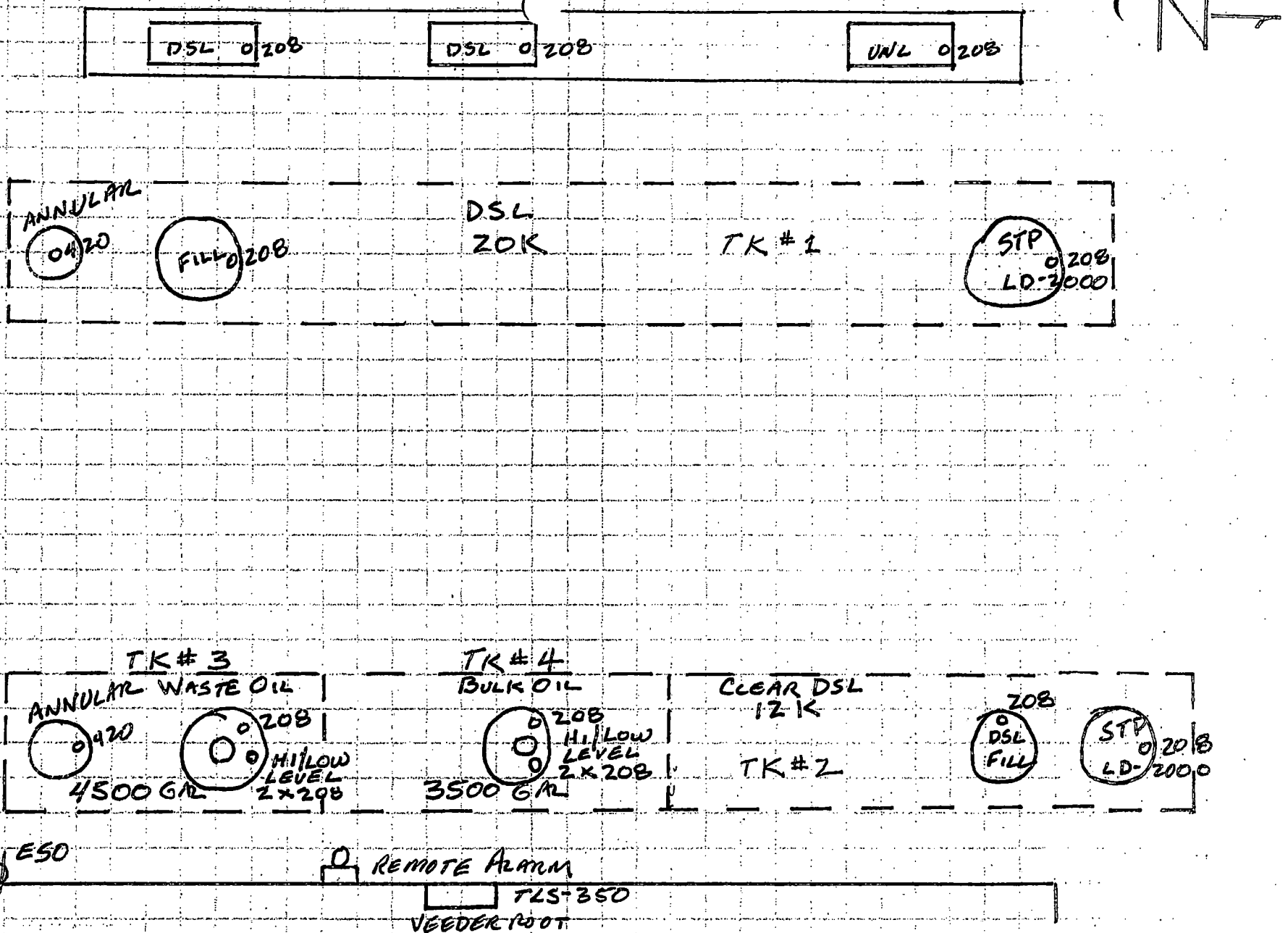
SIGNATURE OF OWNER/OPERATOR: R Dennis Mannock

DATE 470: JUNE 28, 2005

NAME OF OWNER/OPERATOR(print) 471: DENNIS MANNOCK

TITLE OF OWNER/OPERATOR 472: DESIGNATED TANK OPERATOR

Revised 5/11/2002



VULCAN MATERIALS CO. — SITE PLAN

2400 W HIGHLAND SAN BERNARDINO

FA#1676

RECEIVED
JAN 25 2006
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

SECONDA[illegible]NTAINMENT TESTING RE[illegible]RT FORM

Pacific Systems Electric

Murrieta California 92563

California State License No. 561275

Servicing the Petroleum Industry Since 198[illegible]

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the local implementing agency.

1. FACILITY INFORMATION

Facility Name: Vulcan Materials Company		Date of Testing:	1-13-06
Facility Address: 2400 Highland Ave.	San Bernardino, CA 92407		**Test Type:**
Facility Contact: Darryl Charlston		Phone: 909.875.1150	☐ Retest
Date Local Agency Was Notified of Testing : 1/3/06			☐ 6 month
Name of Local Agency Inspector *(if present during testing)*:	Curtis Brundidge		☑ 36 month

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric	
Technician Conducting Test:	William Madsen	
Credentials:	☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester
License Type:	A-General Engineering	License Number: 561275

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
International Code Council	California UST Service Technician	July 8th 2007
Franklin Fueling Systems	Electronic Training Certificate	3/11/2007
S. Bravo Systems Inc.	Gold Certified/ Testing Contractor	8/23/2007
OPW	EVR phase I	3/1/2006

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
Spilt Tank Annular	☑	☐	☐	☐	Waste Oil Fill Sump	☐	☑	☐	☐
Diesel Tank Annular	☑	☐	☐	☐	New Oil Fill Sump	☐	☑	☐	☐
Diesel Secondary Piping	☐	☑	☐	☐	Clear Diesel Fill Sump	☑	☐	☐	☐
Clear Diesel Secondary Piping	☐	☑	☐	☐	Diesel Fill Sump	☑	☐	☐	☐
New Oil Secondary Piping	☑	☐	☐	☐	Waste Oil Spill Bucket	☑	☐	☐	☐
Diesel 1 Turbine Sump	☐	☑	☐	☐	New Oil Spill Bucket	☑	☐	☐	☐
Diesel 2 Turbine Sump	☑	☐	☐	☐	Clear Diesel Spill Bucket	☑	☐	☐	☐
UDC 1	☐	☑	☐	☐	Diesel Spill Bucket	☑	☐	☐	☐
UDC2	☐	☑	☐	☐		☐	☐	☐	☐
UDC3	☐	☑	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Test water was pumped into (4) -55 Gallon drums, labeled as Hazardous Waste, and left with tank owner for proper disposal.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: William Madsen Date: 1-13-06

LLD

NK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*			
Test Method Used:	☐Pressure ☑☑Vacuum ☐ Hydrostatic ☐ Other *(Specify)*			
Test Equipment Used: 4.5" Glycerin Filled Vacuum Gauge, Venturi Pump		Equipment Resolution: +/- .25%		

	Tank # Split Tank	Tank #Diesel	Tank #	Tank #
Is Tank Exempt From Testing?[1]	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☐ No
Tank Capacity:	12,000gal	20,000gal		
Tank Material:	Fiberglass/Steel	Fiberglass/Steel		
Tank Manufacturer:	Joor	Joor		
Product Stored:	Oil/Diesel	Diesel		
Wait time between applying pressure/vacuum/water and starting test:	15Min	15Min		
Test Start Time:	10:30am	11:00am		
Initial Reading (R_I):	10"hg.	10"hg.		
Test End Time:	11:30am	1:00pm		
Final Reading (R_F):	10"hg.	10"hg.		
Test Duration:	1.0hr	1.0hr.		
Change in Reading (R_F-R_I):	0	0		
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss		
Test Result:	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, & recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. (California

SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☑ Pressure	☐ Vacuum	☐Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Gauge, Nitrogen Gas		Equipment Resolution: + / - .5%	

	Piping Run # DSL	**Piping Run # Clear DSL**	**Piping Run # New Oil**	**Piping Run #**
Piping Material:	Poly	Poly	Fiberglass	
Piping Manufacturer:	Environ	Environ	Ameron	
Piping Diameter:	2"	2"	3"/2"	
Length of Piping Run:	35'	40'	10'	
Product Stored:	Diesel	Diesel	Oil	
Method and location of piping-run isolation:	Test Boot	Test Boot	Test Boot	
Wait time between applying pressure/vacuum/water and starting test:	15Min	15Min	15Min	
Test Start Time	12:30pm	2:45pm	10:00am	
Initial Reading (R_I):	5Psi	5Psi	5Psi	
Test End Time:	1:30pm	3:45pm	11:00am	
Final Reading (R_F):	0Psi	0Psi	5Psi	
Test Duration:	1.0hr	1.0hr	1.0hr	
Change in Reading (R_F-R_I):	5	5	0	
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss	Zero Loss	
Test Result:	☐ **Pass** ☑**Fail**	☐ **Pass** ☑**Fail**	☑ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Test boots are not accessible in UDC's.

6 PING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer	☐ Other *(Specify)*
Test Method Used:	☐ Pressure	☐ Vacuum	☑ Hydrostatic	☐ Other *(Specify)*
Test Equipment Used: INCON TS-STS Sump Testing System			Equipment Resolution: 000.0000"	

	Sump # DSL 1 Turbine	Sump #DSL 2 Turbine	Sump #	Sump #
Sump Diameter:	42"	42"		
Sump Depth:	42"	36"		
Sump Material:	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Height from Tank Top to Top of Highest Piping Penetration:	12"	12"		
Height from Tank Top to Lowest Electrical Penetration:	26"	24"		
Condition of sump prior to testing:	Ok	Ok		
Portion of Sump Tested[2]	20"	16"		
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Turbine shutdown response time	Sec	Sec	Sec	Sec
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Wait time between applying pressure/vacuum/water and starting test:	15Min	15Min		
Test Start Time:	12:47pm	4:30pm		
Initial Reading (R_I):	2.6250"	3.0178"		
Test End Time:	1:02pm	4:45pm		
Final Reading (R_F):	1.4386"	3.0179"		
Test Duration:	15 Minutes	15 Minutes		
Change in Reading (R_F-R_I):	.1864"	.0001"		
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"		
Test Result:	☐ **Pass** ☑**Fail**	☑ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[2] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

6. 7.UNDER-DISPENSER CON[illegible]ENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	UDC # 1	UDC # 2	UDC # 3	UDC #
UDC Manufacturer:	Environ	Environ	Environ	
UDC Material:	Poly	Poly	Poly	
UDC Depth:	30"	30"	30"	
Height from UDC Bottom to Top of Highest Piping Penetration:	10"	10"	10"	
Height from UDC Bottom to Lowest Electrical Penetration:	12"	12"	12"	
Condition of UDC prior to testing:	Ok	Ok	Ok	
Portion of UDC Tested[3]	18"	18"	18"	
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Turbine shutdown response time	Sec	Sec		
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Wait time between applying pressure/vacuum/water and starting test	15Min	15Min	15Min	15Min
Test Start Time:				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:	15 Minutes	15 Minutes	15 Minutes	15 Minutes
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	No Loss > .002"
Test Result:	☐ **Pass** ☑**Fail**	☐ **Pass** ☑**Fail**	☐ **Pass** ☑ **Fail**	☐**Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Test boots and penetration fittings require repair.

[3] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

8.FILL RISER CONTA[illegible] SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐	
Fill Riser Containment Sumps are Present, but were Not Tested ☐	
Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*
Test Method Used:	☐ Pressure ☐ Vacuum ☐ Hydrostatic ☐ Other *(Specify)*
Test Equipment Used: Incon TS-STS Sump Testing System	Equipment Resolution: 000.0000"

	Fill Sump # Waste Oil	Fill Sump # New Oil	Fill Sump # 1 DSL	Fill Sump #2 DSL
Sump Diameter:	48"	48"	42"	42"
Sump Depth:	42"	42"	42"	36"
Height from Tank Top to Top of Highest Piping Penetration:	16"	16"	12"	12"
Height from Tank Top to Lowest Electrical Penetration:	26"	26"	26"	24"
Condition of sump prior to testing:	Ok	Ok	Ok	Ok
Portion of Sump Tested	20"	20"	20"	16"
Sump Material:	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Wait time between applying pressure/vacuum/water and starting test:	15Min	15Min	15Min	15min
Test Start Time:	12:07pm	2:04pm	12:47pm	4:30pm
Initial Reading (R_I):	1.5960"	4.1611"	5.0620"	3.0178"
Test End Time:	12:22pm	2:19pm	1:02pm	4:45pm
Final Reading (R_F):	.7687"	4.1576"	5.0631"	3.0179"
Test Duration:	15 Minutes	15 Minutes	15 Minutes	15 Minutes
Change in Reading (R_F-R_I):	.8273"	.035"	.0011"	.0001"
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	No Loss > .002"
Test Result:	☐ **Pass** ☑**Fail**	☐ **Pass** ☑**Fail**	☑ **Pass** ☐ **Fail**	☑**Pass** ☐ **Fail**
Is there a sensor in the sump?	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No
Does the sensor alarm when either product or water is detected?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No☐NA
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Piping and electrical penetrations need of repair.

9.S[illegible]VERFILL CONTAINMENT B[illegible]

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐				
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*			
Test Method Used:	☐ Pressure ☐ Vacuum ☐Hydrostatic ☐ Other *(Specify)*			
Test Equipment Used:			Equipment Resolution:	

	Spill Box #Waste Oil	**Spill Box #New Oil**	**Spill Box #DSL 1**	**Spill Box #DSL 2**
Bucket Diameter:	12"	12"	12"	12"
Bucket Depth:	12"	12"	12"	12"
Wait time between applying pressure/vacuum/water and starting test:	15min	15min	15min	15min
Test Start Time:	10:00am	10:00am	10:00am	2:00pm
Initial Reading (R_I):	4.5"	5"	4.5"	4.5"
Test End Time:	11:00am	11:00am	11:00am	3:00pm
Final Reading (R_F):	4.5"	5"	4.5"	4.5"
Test Duration:	1.0hr	1.0hr	1.0hr	1.0hr
Change in Reading (R_F-R_I):	0	0	0	0
Pass/Fail Threshold or Criteria:	No Loss	No Loss	No Loss	No Loss
Test Result:	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Spill buckets are located in contained sumps.

Completed Form Sent To
Local Implementing Agency
By
Pacific Systems Electric

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-6770704
VOLCAN SAN BERNARDINO
2400 HIGHLAND AVE.

01/13/2006 12:22 PM

SUMP LEAK TEST REPORT

WASTE O

TEST STARTED	12:07 PM
TEST STARTED	01/13/2006
BEGIN LEVEL	1.5960 IN
END TIME	12:22 PM
END DATE	01/13/2006
END LEVEL	0.7687 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	FAILED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-6770704
VOLCAN SAN BERNARDINO
2400 HIGHLAND AVE.

01/13/2006 2:19 PM

SUMP LEAK TEST REPORT

OIL NEW

TEST STARTED	2:04 PM
TEST STARTED	01/13/2006
BEGIN LEVEL	4.1611 IN
END TIME	2:19 PM
END DATE	01/13/2006
END LEVEL	4.1576 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	FAILED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-6770704
VOLCAN SAN BERNARDINO
2400 HIGHLAND AVE.

01/13/2006 2:35 PM

SUMP LEAK TEST REPORT

OIL NEW

TEST STARTED	2:20 PM
TEST STARTED	01/13/2006
BEGIN LEVEL	4.1580 IN
END TIME	2:35 PM
END DATE	01/13/2006
END LEVEL	4.1487 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	FAILED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-6770704
VOLCAN SAN BERNARDINO
2400 HIGHLAND AVE.

01/13/2006 1:02 PM

SUMP LEAK TEST REPORT

Tank1 DSL TUR

TEST STARTED	12:47 PM
TEST STARTED	01/13/2006
BEGIN LEVEL	2.6250 IN
END TIME	1:02 PM
END DATE	01/13/2006
END LEVEL	1.4386 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	FAILED

DSL FIL

TEST STARTED	12:47 PM
TEST STARTED	01/13/2006
BEGIN LEVEL	5.0620 IN
END TIME	1:02 PM
END DATE	01/13/2006
END LEVEL	5.0631 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-6770704
VOLCAN SAN BERNARDINO
2400 HIGHLAND AVE.

01/13/2006 1:19 PM

SUMP LEAK TEST REPORT

Tank1 DSL TUR

TEST STARTED	1:03 PM
TEST STARTED	01/13/2006
BEGIN LEVEL	1.2946 IN
END TIME	1:19 PM
END DATE	01/13/2006
END LEVEL	0.2954 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	FAILED

DSL FIL

TEST STARTED	1:03 PM
TEST STARTED	01/13/2006
BEGIN LEVEL	5.0618 IN
END TIME	1:19 PM
END DATE	01/13/2006
END LEVEL	5.0617 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-6770704
VOLCAN SAN BERNARDINO
2400 HIGHLAND AVE.

01/13/2006 3:40 PM

SUMP LEAK TEST REPORT

Tank 2 DSL FIL

TEST STARTED	3:25 PM
TEST STARTED	01/13/2006
BEGIN LEVEL	3.0211 IN
END TIME	3:40 PM
END DATE	01/13/2006
END LEVEL	3.0215 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

DSL TUR

TEST STARTED	3:25 PM
TEST STARTED	01/13/2006
BEGIN LEVEL	5.4489 IN
END TIME	3:40 PM
END DATE	01/13/2006
END LEVEL	5.4475 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-6770704
VOLCAN SAN BERNARDINO
2400 HIGHLAND AVE.

01/13/2006 4:45 PM

SUMP LEAK TEST REPORT

Tank 2 DSL FIL

TEST STARTED	4:30 PM
TEST STARTED	01/13/2006
BEGIN LEVEL	3.0178 IN
END TIME	4:45 PM
END DATE	01/13/2006
END LEVEL	3.0179 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

DSL TUR

TEST STARTED	4:30 PM
TEST STARTED	01/13/2006
BEGIN LEVEL	5.4437 IN
END TIME	4:45 PM
END DATE	01/13/2006
END LEVEL	5.4448 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

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San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

Page ____ of ____

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials Date: 1-13-06

Street Address: 2400 W. Highland Ave Facility No. 1676

City: San Bernardino Zip Code: Program Record No. 2529

Facility Contact: Matt Brawstetter Facility Phone No. 909-875-1150 Number of Tanks: 4

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
302. UST permit fees paid and current	CHSC 25287(a)			
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)			
308. Failure to report change of ownership within 30 days	CHSC 25284(c)			
306. Owner/Operator agreement available	CHSC 25284(a)(3)			
307. Certificate of Financial Responsibility submitted	CHSC 25292.2(a)			
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)			
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)			
312. Designated Operator Statement submitted	CCR 2715(a)			
313. Monthly inspections completed by Designated Operator	CCR 2715(c)			
305. Prior UST violations corrected within 30 days	CCR 2712(f)			
310. Business Plan established and implemented	CHSC 25503.5			
311. Business Plan submitted/updated	CHSC 25505			
MONITORING OF UST SYSTEMS				
309. Failure to properly monitor UST	CHSC 25293			
331. Monitoring system(s) certified annually	CCR 2638 or 2641(j)			
334. Audible/visual alarms operational	CCR 2632(c)(2)(B) and 2636(f)(1)			
314. Certification sticker/tag affixed to monitoring equipment	CCR 2638(f)			
318. Sensors placed at low point of UST system(s)	CCR 2630(d) or 2641(a)			
319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)			
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)			
324. Line leak detector(s) installed and functioning properly	CCR 2636(f)(2) or 2641(f)			
333. Overspill containment installed/tested annually	CHSC 25284.2			
327. Overfill protection device installed/operational	CCR 2635(b)(2)			
328. Secondary containment components tested	CCR 2637(a)			
329. UST system design, construction, and monitoring	CCR 2630 or 2640			
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)			
341. Failure to report unauthorized release	CHSC 25299(d)(1)			
342. Unlawful abandonment of USTs	CHSC 25298(a)			
343. Unlawful closure of USTs	CHSC 25298(c)			
344. Failure to properly temporarily close USTs	CHSC 25298(b)			
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)			
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3			
UNIFORM FIRE CODE REQUIREMENTS				
335. Emergency fuel shut-off device operational	UFC 5201.5.3			
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2			
337. Fire extinguisher(s) present and charged	UFC 5201.9			
338. Address clearly visible from street	UFC 901.4.4			
OTHER REQUIREMENTS				
Significant Operational Compliance – Prevention	40 CFR Part 280			
Significant Operational Compliance – Detection	40 CFR Part 280			
Significant Operational Compliance – Both	40 CFR Part 280			

NARRATIVE / CORRECTIONS

X On site for secondary containment testing. Several portions of the tank systems have failed. All components that failed must be repaired and the system re-tested. If concrete must be broken to make repairs then a permit must be obtained from this Dept.

- All three UDC's failed
- The waste oil failed (sump)
- The new oil sump failed
- The diesel turbine sump failed
- The secondary piping on both systems failed.

LLD

X NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 180 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector: Curtis R Brundage Received by: X Matt Brawstetter Title: Asst. Plant Manager

CUPA

San Bernardino County Fire Department • Hazardous Mate[illegible] Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials Date: 1-13-06

Street Address: 2400 W. Highland Ave Facility No. 1676

City: San Bernardino Zip Code: Program Record No. 2529

Facility Contact: Matt Brewstetter Facility Phone No. 909-875-1150 Number of Tanks: 4

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N	NARRATIVE / CORRECTIONS
302. UST permit fees paid and current	CHSC 25287(a)				* On site for secondary containment testing. Several portions of the tank systems have failed. All components that failed must be repaired and the system re-tested. Concrete must be broken to make repairs. Thera Permit must be obtained from this Dept.
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)				
308. Failure to report change of ownership within 30 days	CHSC 25284(c)				
306. Owner/Operator agreement available	CHSC 25284(a)(3)				
307. Certificate of Financial Responsibility submitted	CHSC 25292.2(a)				
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)				
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)				
312. Designated Operator Statement submitted	CCR 2715(a)				
313. Monthly inspections completed by Designated Operator	CCR 2715(c)				
305. Prior UST violations corrected within 30 days	CCR 2712(f)				
310. Business Plan established and implemented	CHSC 25503.5				
311. Business Plan submitted/updated	CHSC 25505				
MONITORING OF UST SYSTEMS					
309. Failure to properly monitor UST	CHSC 25293				- All three USTs failed - The waste oil failed (sump) - The new oil sump failed - The diesel turbine sump failed - The secondary piping on both systems failed.
331. Monitoring system(s) certified annually	CCR 2638 or 2641(j)				
334. Audible/visual alarms operational	CCR 2632(c)(2)(B) and 2636(f)(1)				
314. Certification sticker/tag affixed to monitoring equipment	CCR 2638(f)				
318. Sensors placed at low point of UST system(s)	CCR 2630(d) or 2641(a)				
319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)				
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)				
324. Line leak detector(s) installed and functioning properly	CCR 2636(f)(2) or 2641(f)				
333. Overspill containment installed/tested annually	CHSC 25284.2				
327. Overfill protection device installed/operational	CCR 2635(b)(2)				
328. Secondary containment components tested	CCR 2637(a)				
329. UST system design, construction, and monitoring	CCR 2630 or 2640				
UNAUTHORIZED RELEASE AND ABANDONMENT					
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)				
341. Failure to report unauthorized release	CHSC 25299(d)(1)				
342. Unlawful abandonment of USTs	CHSC 25298(a)				
343. Unlawful closure of USTs	CHSC 25298(c)				
344. Failure to properly temporarily close USTs	CHSC 25298(b)				
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)				
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3				
UNIFORM FIRE CODE REQUIREMENTS					
335. Emergency fuel shut-off device operational	UFC 5201.5.3				
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2				
337. Fire extinguisher(s) present and charged	UFC 5201.9				
338. Address clearly visible from street	UFC 901.4.4				
OTHER REQUIREMENTS					
Significant Operational Compliance – Prevention	40 CFR Part 280				
Significant Operational Compliance – Detection	40 CFR Part 280				
Significant Operational Compliance – Both	40 CFR Part 280				

☒ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 180 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector: Chris R Brandyberry Received by: X Matt Brewstetter Title: Area Manager

Vulcan
Materials Company

MATT BRANSTETTER
Assistant Plant Manager
Western Division

2400 WEST HIGHLAND AVENUE • SAN BERNARDINO, CA 92407
DIRECT PHONE NUMBER 909-875-1150 • FAX NUMBER 909-873-0658
CELL PHONE NUMBER 323-353-2618
http//www.vulcanmaterials.com E-MAIL branstetterm@vmcmail.com

FA 1676

PACIFIC SYSTEMS ELECTRIC

Servicing the Petroleum Industry Since 1989

CA License #561275

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

RECEIVED
JUL 19 2005
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

A. General Information

Facility Name: Vulcan Materials Company

Site Address: 2400 West Highland Ave. City: San Bernardino Zip: 92407

Facility Contact Person: Darryl Charlston Contact Phone No.: 909.875.1150

Make/Model of Monitoring System: Veeder Root TLS-350 Date of Testing/Servicing: 06/27/2005

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected / serviced:

Tank ID: 01 UNL	**Tank ID: 02 DSL**
☒ In-Tank Gauging Probe. Model: 847390-107	☒ In-Tank Gauging Probe. Model: 847390-107
☒ Annular Space or Vault Sensor. Model: 794390-420	☒ Annular Space or Vault Sensor. Model: 794390-420
☒ Piping Sump / Trench Sensor(s). Model: 794380-208	☒ Piping Sump / Trench Sensor(s). Model: 794380-208
☒ Fill Sump Sensor(s). Model: 794380-208	☒ Fill Sump Sensor(s). Model: 794380-208
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☐ Tank Overfill / High-Level Sensor. Model:	☐ Tank Overfill / High-Level Sensor. Model:
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: 03 Waste Oil	**Tank ID: 04 New Oil**
☐ In-Tank Gauging Probe. Model:	☐ In-Tank Gauging Probe. Model:
☐ Annular Space or Vault Sensor. Model:	☐ Annular Space or Vault Sensor. Model:
☐ Piping Sump / Trench Sensor(s). Model:	☐ Piping Sump / Trench Sensor(s). Model:
☒ Fill Sump Sensor(s). Model: 794380-208	☒ Fill Sump Sensor(s). Model: 794380-208
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
☒ Tank Overfill / High-Level Sensor. Model: 794390-420	☒ Tank Overfill / High-Level Sensor. Model: 794390-420
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: 1	**Dispenser ID: 2**
☒ Dispenser Containment Sensor(s). Model: 794380-208	☒ Dispenser Containment Sensor(s). Model: 794380-208
☒ Shear Valve(s).	☒ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: 3	**Dispenser ID**
☒ Dispenser Containment Sensor(s). Model: 794380-208	☐ Dispenser Containment Sensor(s). Model:
☒ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID:	**Dispenser ID**:
☐ Dispenser Containment Sensor(s). Model:	☐ Dispenser Containment Sensor(s). Model:
☐ Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*: ☒ System set-up ☐ Alarm history report

Technician Name: Brian Halfwassen Signature: _____ Certification No. 1532

Testing Company Name: Pacific Systems Electric License. No.: 561275 Phone No.: 951.677.0704

Company Address: 38330 Via La Paloma, Murrieta, CA 92563

D. Results of Testing/Servicing

Software Version Installed: 1.05.112

Complete the following checklist:

☒Yes	❑ No*	Is the audible alarm operational?
☒ Yes	❑ No*	Is the visual alarm operational?
☒ Yes	❑ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☒ Yes	❑ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
❑ Yes	❑ No* ☒ N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☒ Yes	❑ No* N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☒ Sump/Trench Sensors; ☒ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☒ Yes; ❑ No.
☒ Yes	❑ No* N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? 90%
❑ Yes*	☒ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
❑ Yes*	☒ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ❑ Product; ❑ Water. If yes, describe causes in Section E, below.
☒ Yes	❑ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☒ Yes	❑ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

F. In-Tank Gauging / SIR Equipment:

☒ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☒ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☒ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☒ Yes	☐ No*	Was accuracy of system product level readings tested?
☒ Yes	☐ No*	Was accuracy of system water level readings tested?
☒ Yes	☐ No*	Were all probes reinstalled properly?
☒ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed.

Complete the following checklist:

☒ Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☒ 3 g.p.h ; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☒ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☒ Yes	☐ No*	Was the testing apparatus properly calibrated?
☒ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☒ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H.

Comments: _____

Pacific Systems Electric
38330 Via La Paloma
Murrieta CA 92563
California State License No. 561275
Servicing the Petroleum Industry Since 1989

Mechanical Leak Detectors Test Results

Facility Name: Vulcan Materials Company	**Inspector: Curtis Armstrong**
Address: 2400 W Highland Ave.	**Number of Lines** 2
San Bernardino, CA 92407	**Type:** Mechanical
	Date: 06-27-05

Line Number	1	2
Test Method:	R.J. FTA	R.J. FTA
Product:	UNL	DSL
Manufacturer:	VMI	VMI
MLLD Model:	99LD2000	99LD2000
Serial Number:	02061003	02061002
Line Drain Back (ml):	98	94
L/D Trip Time: (sec)	2	3
Holding Pressure (psi):	24	30
Metering Pressure (psi):	14	19
Leak Rate: (gph)	0.5	0.5
L/D Result:	Pass	Pass

Tester: Brian Halfwassen

Signature: _____

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials Date: 6-27-05

Street Address: 2400 W. Highland Ave. Facility No. 1679

City: San Bernardino Zip Code: 92407 Program Record No. 2211

Facility Contact: Dennis Minnack, UST Op. ph(714)713-9529 Facility Phone No. 875-5180 Number of Tanks: 4

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
302. UST permit fees paid and current 5-31-06	CHSC 25287(a)		X	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)	X		
308. Failure to report change of ownership within 30 days	CHSC 25284(c)			X
306. Owner/Operator agreement available	CHSC 25284(a)(3)			X
307. Certificate of Financial Responsibility submitted	CHSC 25292.2(a)	X		
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)	X		
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)		X	
312. Designated Operator Statement submitted	CCR 2715(a)		X	
313. Monthly inspections completed by Designated Operator	CCR 2715(c)		X	
305. Prior UST violations corrected within 30 days	CCR 2712(f)		X	
310. Business Plan established and implemented	CHSC 25503.5		X	
311. Business Plan submitted/updated 3-10-05	CHSC 25505		X	
MONITORING OF UST SYSTEMS				
309. Failure to properly monitor UST	CHSC 25293		X	
331. Monitoring system(s) certified annually 6-7-04	CCR 2638 or 2641(j)		X	
334. Audible/visual alarms operational	CCR 2632(c)(2)(B) and 2636(f)(1)		X	
314. Certification sticker/tag affixed to monitoring equipment	CCR 2638(f)		X	
318. Sensors placed at low point of UST system(s)	CCR 2630(d) or 2641(a)		X	
319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)		X	
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)		X	
324. Line leak detector(s) installed and functioning properly	CCR 2636(f)(2) or 2641(f)			
333. Overspill containment installed/tested annually	CHSC 25284.2		X	
327. Overfill protection device installed/operational flapper failure 10-14-02	CCR 2635(b)(2)		X	
328. Secondary containment components tested	CCR 2637(a)		X	
329. UST system design, construction, and monitoring	CCR 2630 or 2640		X	
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)		X	
341. Failure to report unauthorized release	CHSC 25299(d)(1)			X
342. Unlawful abandonment of USTs	CHSC 25298(a)			X
343. Unlawful closure of USTs.	CHSC 25298(c)			X
344. Failure to properly temporarily close USTs	CHSC 25298(b)			X
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)			X
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3			X
UNIFORM FIRE CODE REQUIREMENTS				
335. Emergency fuel shut-off device operational fail safe	UFC 5201.5.3		X	
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2		X	
337. Fire extinguisher(s) present and charged	UFC 5201.9		X	
338. Address clearly visible from street	UFC 901.4.4		X	
OTHER REQUIREMENTS				
Significant Operational Compliance – Prevention OK	40 CFR Part 280		X	
Significant Operational Compliance – Detection OK	40 CFR Part 280		X	
Significant Operational Compliance – Both OK	40 CFR Part 280		X	

NARRATIVE / CORRECTIONS

Annual UST monitoring system certification inspection conducted with Brian from Beta Env. & Dennis Minnack from Pacific Systems Electric. The facility has 4 USTs (Diesel, gasoil/unleaded) and 2 fuel dispensers. All UST monitoring system components were tested. All facility haz. mat. handler paperwork was reviewed.

-Violations-

303, 307, 330: Failure to submit a UST Application Package, a Certificate of Financial Responsibility and a Leak Detection/Monitoring and Response Plan.

** Complete all ~~forms~~ supplied and submit to this Department within 30 days.

Note: No EVR upgrade on 87 but UST to be converted to diesel use.

RECEIVED
JUN 28 2005
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

VR TLS 350 UST Monitor OK Sump + UDC sensors - OK VR 420's annulars - OK
VR 420's in W.O. overfill - OK spill buckets - VM LLD's - OK
flapper
ESO - OK Fail safe - OK

☒ **NOTICE OF VIOLATION:** THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector: Curtis Armstrong Received by: [signature] Title: Designated Facility

State of California
State Water Resources Control Board
Division of Clean Water Programs
P.O. Box 944212
Sacramento, CA 94244-2120

For State Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in Section 2807, Chapter 18, Div. 3, Title 23, CCR:

☐ 500,000 dollars per occurrence or ☑ 1 million dollars per occurrence

AND

☐ 1 million dollars annual aggregate or ☑ 2 million dollars annual aggregate

B. VULCAN MATERIALS COMPANY (Name of tank Owner or Operator) hereby certifies that it is in compliance with the requirements of Section 2807, Article 3, Chapter 18, Division 3, Title 23, California Code of Regulations.

The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Compensation
SELF-INSURED	VULCAN MATERIALS COMPANY P.O. BOX 385014 BIRMINGHAM, AL 35238-5014	N/A	$1,000,000 PER OCCURANCE AND $2,000,000 ANNUAL AGGREGATE	ANNUAL	YES	YES

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance with all conditions for participation in the Fund.

D. Facility Name	Facility Address
VULCAN MATERIALS CO.	2400 W. HIGHLAND AVE
Facility Name	Facility Address SAN BERNARDINO, CA 92407
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
Facility Name	Facility Address
E. Signature of Tank Owner or Operator — Date	Name and Title of Tank Owner or Operator
Signature of Witness or Notary — Date	Name of Witness or Notary

Submit original to local UST regulatory agency. Keep a copy at each UST facility.

(Instructions on Reverse)

Vulcan
Materials Company

April 18, 2005

Letter from Chief Financial Officer:

I am the chief financial officer of Vulcan Materials Company, P. O. Box 385014, Birmingham, Alabama 35238-5014. This letter is in support of the use of the financial test of self-insurance, to demonstrate financial responsibility for taking corrective action and compensating third parties for bodily injury and property damage caused by sudden accidental releases and nonsudden accidental releases in the amount of at least $1,000,000 per occurrence and $2,000,000 annual aggregate arising from operating underground storage tanks.

Underground storage tanks at the following facilities are assured by this financial test or a financial test under an authorized State program by this owner or operator:

See Exhibit A

A financial test is also used by this owner or operator to demonstrate evidence of financial responsibility in the following amounts under other EPA regulations or state programs authorized by EPA under 40 CFR Parts 271 and 145:

EPA Regulations		Amount
Closure (§§ 264.143 and 265.143)	$	3,632,384
Post-Closure Care (§§ 264.145 and 265.145)	$	3,263,706
Liability Coverage (§§ 264.147 and 265.147)	$	8,200,000
Corrective Action (§§ 264.101(b))	$	-0-
Plugging and Abandonment (§§ 144.63)	$	401,888
Closure	$	-0-
Post-Closure Care	$	-0-
Liability Coverage	$	6,838,086
Corrective Action	$	2,192,045
Plugging and Abandonment	$	863,936
Total	$	25,392,045

This owner or operator has not received an adverse opinion, a disclaimer of opinion, or a "going concern" qualification from an independent auditor on his financial statements for the latest completed fiscal year.

Alternative I

1.	Amount of annual UST aggregate coverage being assured by a financial test, and/or guarantee	$	2,000,000
2.	Amount of correction action, closure and post-closure care costs, liability coverage, and plugging and abandonment costs covered by a financial test, and/or guarantee	$	25,392,045
3.	Sum of lines 1 and 2	$	27,392,045
4.	Total tangible assets	$	2,927,245,000
5.	Total liabilities	$	1,651,158,000
6.	Tangible net worth	$	1,276,087,000

		Yes	No
7.	Is line 6 at least $10 million?	X	
8.	Is line 6 at least 10 times line 3?	X	
9.	Have financial statements for the latest fiscal year been filed with the Securities and Exchange Commission?	X	
10.	Have financial statements for the latest fiscal year been filed with the Energy Information Administration?		X
11.	Have financial statements for the latest fiscal year been filed with the Rural Electrification Administration?		X
12.	Has financial information been provided to Dun and Bradstreet, and has Dun and Bradstreet provided a financial strength rating of 4A or 5A?	X	

Alternative II

1.	Amount of annual UST aggregate coverage being assured by a test, and/or guarantee	$ N/A
2.	Amount of corrective action, closure and post-closure care costs, liability coverage, and plugging and abandonment costs covered by a financial test, and/or guarantee	$ N/A
3.	Sum of lines 1 and 2	$ N/A
4.	Total tangible assets	$ N/A
5.	Total liabilities	$ N/A
6.	Tangible net worth	$ N/A
7.	Total assets in the U.S.	$ N/A

		Yes	No
8.	Is line 6 at least $10 million?		N/A
9.	Is line 6 at least 6 times line 3?		N/A
10.	Are at least 90 percent of assets located in the U.S?		N/A
11.	Is line 7 at least 6 times line 3?		N/A

12.	Current assets	$ N/A
13.	Current liabilities	$ N/A
14.	Net working capital	$ N/A

		Yes	No
15.	Is line 14 at least 6 times line 3?		N/A
16.	Current bond rating of most recent bond issue		N/A
17.	Name of rating service		N/A
18.	Date of maturity of bond		N/A
19.	Have financial statements for the latest fiscal year been filed with the SEC, the Energy Information Administration, or the Rural Electrification Administration?		N/A

I hereby certify that the wording of this letter is identical to the wording specified in 40 CFR Part 280.95(d) as such regulations were constituted on the date shown immediately below.

Signature: Mark Tomkins

Name: Mark Tomkins

Title: Vulcan Materials Company
Executive Vice President, Finance and Administration

Date: April 18, 2005

CERTIFICATION OF FINANCIAL RESPONSIBILITY

Vulcan Materials Company hereby certifies that it is in compliance with the requirements of Subpart H of 40 CFR Part 280.

The financial assurance mechanism used to demonstrate financial responsibility under Subpart H of 40 CFR Part 280 is as follows:

> Financial test of self-insurance providing for coverage in the amount of $27,392,045 for the year 2005. This test covers taking corrective action and compensating third parties for bodily injury and property damage caused by accidental releases.

Signature: Mark Tomkins

Name: Mark Tomkins

Title: Vulcan Materials Company
Executive Vice President, Finance and Administration

Date: April 18, 2005

NOTARY:

Signature: Angela M. Moreland

Name: Angela M. Moreland

Date: April 18, 2005

My commission expires Commission Expires November 14, 2007

The owner or operator must update this certification whenever the financial insurance mechanism used to demonstrate financial responsibility changes.

Exhibit A - Page 1 of 2

Vulcan Materials Company

Facilities with Underground Petroleum Tanks
Assured by Financial Test of Self-Insurance

In accordance with Part 280.95 of the
Resource Conservation and Recovery Act

CORPORATE:

Facility Name	Address
Flight Services	4110 65th Street North Birmingham, AL 35206

CHEMICALS DIVISION:

Facility Name	Address
Wichita Plant	6200 South Ridge Road Wichita, KS 67215

Vulcan Construction Materials, LP

MIDEAST DIVISION:

Facility Name	Address
Graham-Virginia Quarry	10000 Ox Road Lorton, VA 22079

MIDWEST DIVISION:

Facility Name	Address
Elk Grove Recycle Center	1520 Midway Court Elk Grove Village, IL 60007

SOUTHERN DIVISION:

Facility Name	Address
Reed Quarry	947 US Hwy 62 Grand Rivers, KY 42045

WESTERN:

Facility Name	Address
Palmdale	6851 East Ave. Littlerock, CA 93543
San Bernardino	2400 West Highland San Bernardino, CA 92405
Saticoy HMA	6029 Vineyard Ave. Oxnard, CA 93030
Sun Valley	11401 W. Tuxford Street Sun Valley, CA 91352
Upland	1975 N. Benson Street Upland, CA 91786
Carroll Canyon	10050 Black Mountain Road San Diego, CA 92126
Mission Valley	8080 Friars Road San Diego, CA 92163
San Bernardino HMA	2340 W. Highland San Bernardino, CA 92405
Los Angeles HMA	2715 E. Washington Street Los Angeles, CA 90023
Escondido	849 W. Washington Ave. Escondido, CA 92025

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANKS - FACILITY

TYPE OF ACTION (Check one item only) ☐ 1. NEW SITE PERMIT ☐ 3. RENEWAL PERMIT ☐ 4. AMENDED PERMIT ☑ 5. CHANGE OF INFORMATION (Specify change - local use only) UNL TO DSL ☐ 6. TEMPORARY SITE CLOSURE ☐ 7. PERMANENTLY CLOSED SITE ☐ 8. TANK REMOVED 400

I. FACILITY / SITE INFORMATION

FACILITY ID # 3 6 0 0 1 1679 1

SITE NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS Co. 3

BUSINESS ADDRESS 2400 WEST HIGHLAND

CITY SAN BERNARDINO

ZIP CODE 92407

NEAREST CROSS STREET 401

BUSINESS TYPE ☐ 1. GAS STATION ☐ 2. DISTRIBUTOR ☐ 3. FARM ☐ 4. PROCESSOR ☑ 5. COMMERCIAL ☐ OTHER 403

FACILITY OWNER TYPE ☑ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY/DISTRICT* ☐ 5. COUNTY AGENCY* ☐ 6. STATE AGENCY* ☐ 7. FEDERAL AGENCY* 402

TOTAL NUMBER OF TANKS ON SITE 4 404

Is facility on Indian Reservation or trustlands? ☐ Yes ☑ No 405

*If owner of UST is a public agency: name of supervisor of division, section or office which operates the UST. (This is the contact person for the tank records) 406

II. TANK OPERATOR INFORMATION

TANK OPERATOR NAME VULCAN MATERIALS Co. 407

PHONE 909. 875-1150 408

MAILING OR STREET ADDRESS 2400 WEST HIGHLAND 409

CITY SAN BERNARDINO 410

STATE CA 411

ZIP CODE 92407 412

TANK OPERATOR TYPE ☑ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY / DISTRICT ☐ 5. COUNTY AGENCY ☐ 7. STATE AGENCY ☐ 8. FEDERAL AGENCY 413

III. TANK OWNER INFORMATION

TANK OWNER NAME VULCAN MATERIALS Co 414

PHONE 909. 875-1150 415

MAILING OR STREET ADDRESS 2400 WEST HIGHLAND 416

CITY SAN BERNARDINO 417

STATE CA 418

ZIP CODE 92407 419

TANK OWNER TYPE ☑ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☐ 4. LOCAL AGENCY / DISTRICT ☐ 5. COUNTY AGENCY ☐ 7. STATE AGENCY ☐ 8. FEDERAL AGENCY 420

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 4 4 - 0 1 1 1 5 3 421

Call (916) 322 - 9669 if questions arise

V. PETROLEUM UST FINANCIAL RESPONSIBILITY

INDICATE METHOD(S) ☑ 1. SELF-INSURED ☐ 2. GUARANTEE ☐ 3. INSURANCE ☐ 4. SURETY BOND ☐ 5. LETTER OF CREDIT ☐ 6. EXEMPTION ☑ 7. STATE FUND ☑ 8. STATE FUND & CFO LETTER ☐ 9. STATE FUND & CD ☐ 10. LOCAL GOV'T MECHANISM ☐ 99. OTHER:_____ 422

VI. LEGAL NOTIFICATION AND MAILING ADDRESS

Check one box to indicate which address should be used for legal notifications and mailing. Legal notifications and mailings will be sent to the tank owner ONLY, unless box 1 or 2 is checked. ☑ 1. FACILITY ☐ 2. PROPERTY OWNER ☐ 3. TANK OWNER 423

VII. APPLICANT SIGNATURE

Certification: I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF APPLICANT Dennis Minnock

DATE JUNE 28, 2005 424

PHONE 909. 875-1150 425

NAME OF APPLICANT (print) DENNIS MINNOCK 426

TITLE OF APPLICANT DESIGNATED TANK OPERATOR 427

STATE UST FACILITY NUMBER (For local use only) 428

1998 UPGRADE CERTIFICATE NUMBER (For local use only) 429

Revised 6/11/2002

UNDERGROUND STORAGE TANK
MONITORING PLAN – PAGE 1

TYPE OF ACTION ☐ 1. NEW PLAN ☑ 2. CHANGE OF INFORMATION M01.

PLAN TYPE ☑ MONITORING IS IDENTICAL FOR ALL USTs AT THIS FACILITY. M02.
(Check one item only) ☐ THIS PLAN COVERS ONLY THE FOLLOWING UST SYSTEM(S): _____

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)*

BUSINESS NAME (Same as FACILITY NAME) VULCAN MATERIALS COMPANY M03.

BUSINESS SITE ADDRESS 2400 W. HIGHLAND M04. CITY SAN BERNARDINO M05.

II. EQUIPMENT TESTING AND PREVENTIVE MAINTENANCE

State law requires that testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors, probes, line leak detectors, etc.) be performed at the frequency specified by the equipment manufacturers' instructions, or annually, whichever is more frequent, and that such work must be performed by qualified personnel.

MONITORING EQUIPMENT IS SERVICED ☑ 1. ANNUALLY M06. ☐ 99. OTHER (Specify): _____ M07.

III. MONITORING LOCATIONS

This monitoring plan must include a Site Plan showing the general tank and piping layouts and the locations where monitoring is performed (i.e., location of each sensor, line leak detector, monitoring system control panel, etc.). If you already have a diagram (e.g., current UST Monitoring Site Plan from a Monitoring System Certification form, Hazardous Materials Business Plan map, etc.) which shows all required information, include it with this plan.

IV. TANK MONITORING

MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S): (Check all that apply) M10.

☑ 1. CONTINUOUS ELECTRONIC MONITORING OF TANK ANNULAR (INTERSTITIAL) SPACE(S) OR SECONDARY CONTAINMENT VAULT(S)

SECONDARY CONTAINMENT IS: ☑ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. VACUUM M11.

PANEL MANUFACTURER: VEEDER ROOT M12. MODEL #: TLS-350 M13.

LEAK SENSOR MANUFACTURER: VEEDER ROOT M14. MODEL #(S): 420 M15.

☐ 2. AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR SINGLE WALL TANK(S)

PANEL MANUFACTURER: _____ M16. MODEL #: _____ M17.

IN-TANK PROBE MANUFACTURER: _____ M18. MODEL #(S): _____ M19.

LEAK TEST FREQUENCY: ☐ a. CONTINUOUS ☐ b. DAILY/NIGHTLY ☐ c. WEEKLY M20.
☐ d. MONTHLY ☐ e. OTHER (Specify): _____ M21.

PROGRAMMED TESTS: ☐ a. 0.1 g.p.h. ☐ b. 0.2 g.p.h. ☐ c. OTHER (Specify): _____ M22. M23.

☑ 3. INVENTORY RECONCILIATION ☑ a. MANUAL PER 23 CCR §2646 ☐ b. STATISTICAL PER 23 CCR §2646.1 M24.

☐ 4. WEEKLY MANUAL TANK GAUGING (MTG) PER 23 CCR §2645

TESTING PERIOD: ☐ a. 36 HOURS ☐ b. 60 HOURS M25.

☐ 5. INTEGRITY TESTING PER 23 CCR §2643.1

TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. BIENNIALLY ☐ c. OTHER (Specify): _____ M26. M27.

☑ 6. VISUAL MONITORING: ☑ a. DAILY ☐ b. WEEKLY

☐ 99. OTHER (Specify): _____ M28.

V. PIPE MONITORING

MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply) M30.

☑ 1. CONTINUOUS MONITORING OF PIPING SUMP(S)/TRENCH(ES) AND OTHER SECONDARY CONTAINMENT

SECONDARY CONTAINMENT IS: ☑ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. VACUUM M31.

PANEL MANUFACTURER: VEEDER ROOT M32. MODEL #: TLS-350 M33.

LEAK SENSOR MANUFACTURER: VEEDER ROOT M34. MODEL #(S): 208 M35.

WILL A PIPING LEAK ALARM TRIGGER AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN? ☑ a. YES ☐ b. NO M36.

WILL FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGER AUTOMATIC PUMP SHUTDOWN? ☑ a. YES ☐ b. NO M37.

☐ 2. MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS AND RESTRICTS OR SHUTS OFF PRODUCT FLOW WHEN A LEAK IS DETECTED

MLLD MANUFACTURER(s): VAPORLESS MFG. M38. MODEL #(S): VM1-2000 M39.

☐ 3. ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS

ELLD MANUFACTURER(s): _____ M40. MODEL #(S): _____ M41.

PROGRAMMED IN LINE TESTING: ☐ a. MINIMUM MONTHLY 0.2 g.p.h. ☐ b. MINIMUM ANNUAL 0.1 g.p.h. M42.

WILL ELLD DETECTION OF A PIPING LEAK TRIGGER AUTOMATIC PUMP SHUTDOWN? ☐ a. YES ☐ b. NO M43.

WILL ELLD FAILURE/DISCONNECTION TRIGGER AUTOMATIC PUMP SHUTDOWN? ☐ a. YES ☐ b. NO M44.

☐ 4. INTEGRITY TESTING

TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. EVERY 3 YEARS ☐ c. OTHER (Specify) _____ M45. M46.

☐ 5. VISUAL MONITORING: ☐ a. DAILY ☐ b. WEEKLY ☐ c. MIN. MONTHLY & EACH TIME SYSTEM OPERATED* M47.

* Allowed for monitoring of unburied emergency generator fuel piping only per HSC §25281.5(b)(3)

☐ 6. SUCTION PIPING MEETS EXEMPTION CRITERIA PER 23 CCR §2636(a)(3)

☐ 7. NO PRODUCT OR REMOTE FILL PIPING IS CONNECTED TO THE UST(s)

☐ 99. OTHER (Specify) _____ M48.

UNDERGROUND STORAGE TANK

MONITORING PLAN – PAGE 2

VI. DISPENSER MONITORING

MONITORING OF AREAS BENEATH DISPENSER(S) IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply) M50.

☑ 1. CONTINUOUS MONITORING OF UNDER DISPENSER CONTAINMENT (UDC)

PANEL MANUFACTURER: VEEDER ROOT M51. MODEL #: TLS-350 M52.

LEAK SENSOR MANUFACTURER: VEEDER ROOT M53. MODEL #(S): 208 M54.

WILL DETECTION OF A LEAK IN THE UDC TRIGGER AUDIBLE AND VISUAL ALARMS? ☑ a. YES ☐ b. NO M55.

WILL A UDC LEAK ALARM TRIGGER AUTOMATIC PUMP SHUTDOWN? ☑ a. YES ☐ b. NO M56.

WILL FAILURE/DISCONNECTION OF UDC MONITORING SYSTEM TRIGGER AUTOMATIC PUMP SHUTDOWN? ☑ a. YES ☐ b. NO M57.

☐ 2. MECHANICAL CONTINUOS MONITORING (e.g., FLOAT AND CHAIN ASSEMBLY) IN UDC TRIPS SHEAR VALVE IN CASE OF LEAK

MANUFACTURER: _____ M58. MODEL #(S): _____ M59.

☐ 3. VISUAL MONITORING DONE: ☐ a. DAILY ☐ b. WEEKLY M60.

☐ 4. NO DISPENSERS

☐ 99. OTHER (Specify) _____ M61.

VII. ENHANCED LEAK DETECTION

☐ 1. WE HAVE BEEN NOTIFIED BY THE STATE WATER RESOURCES CONTROL BOARD THAT WE MUST PERFORM ENHANCED LEAK DETECTION (ELD) FOR THE UST(S) COVERED BY THIS PLAN. PER 23 CCR §2644.1, ELD IS PERFORMED EVERY 36 MONTHS AS REQUIRED M70.

VIII. TRAINING

REFERENCE DOCUMENTS MAINTAINED AT FACILITY (Check all that apply) M80.

1. ☑ THIS UNDERGROUND STORAGE TANK MONITORING PLAN **(Required)**
2. ☑ OPERATING MANUALS FOR ELECTRONIC MONITORING EQUIPMENT **(Required)**
3. ☑ THE FACILITY'S BEST MANAGEMENT PRACTICES **(Required as of January 1, 2005)**
4. ☐ CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS
5. ☐ CALIFORNIA UNDERGROUND STORAGE TANK LAW
6. ☐ STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION: "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION"
7. ☐ SWRCB PUBLICATION: "WEEKLY MANUAL TANK GAUGING FOR SMALL UNDERGROUND STORAGE TANKS"
99. ☑ OTHER (Specify): MONTHLY OR MORE UST INSPECTIONS / TRAINING M81.

Personnel with UST monitoring responsibilities are familiar with all of the above documents relevant to their job duties and can access those documents when needed. By January 1, 2005, this facility will have a "Designated UST Operator" who has passed the California UST Sytem Operator Exam administered by the International Code Council (ICC). By July 1, 2005, and annually thereafter, the "Designated UST Operator" will train facility employees in the proper operation and maintenance of the UST systems. This training will include, but is not limited to, the following:

- Operation of the UST systems in a manner consistent with the facility's best management practices.
- The facility employee's role with regard to the leak detection equipment.
- The facility employee's role with regard to spills and overfills.
- Whom to contact for emergencies and leak detection alarms.

For facility employees hired on or after July 1, 2005, the initial training will be conducted within 30 days of the date of hire.

IX. COMMENTS/ADDITIONAL INFORMATION

Please use this section to include any additional UST system monitoring-related information (e.g., additional information required by your local agency): M85.

X. PERSONNEL RESPONSIBILITIES

AS OF JANUARY 1, 2005, THE "DESIGNATED UST OPERATOR" IDENTIFIED IN SECTION III OF THE CURRENT UST OPERATING PERMIT APPLICATION – FACILITY FORM WILL HAVE ULTIMATE AUTHORITY FOR PERFORMING THE MONITORING ACTIVITIES AND MAINTAINING LEAK DETECTION EQUIPMENT COVERED BY THIS PLAN TITLE 23 CCR § 2715(c), AND WILL PERFORM AND DOCUMENT MINIMUM MONTHLY VISUAL INSPECTIONS OF THE FACILITY'S UST SYSTEMS IN ACCORDANCE WITH TITLE 23 CCR § 2715(c).

XI. OWNER/OPERATOR SIGNATURE

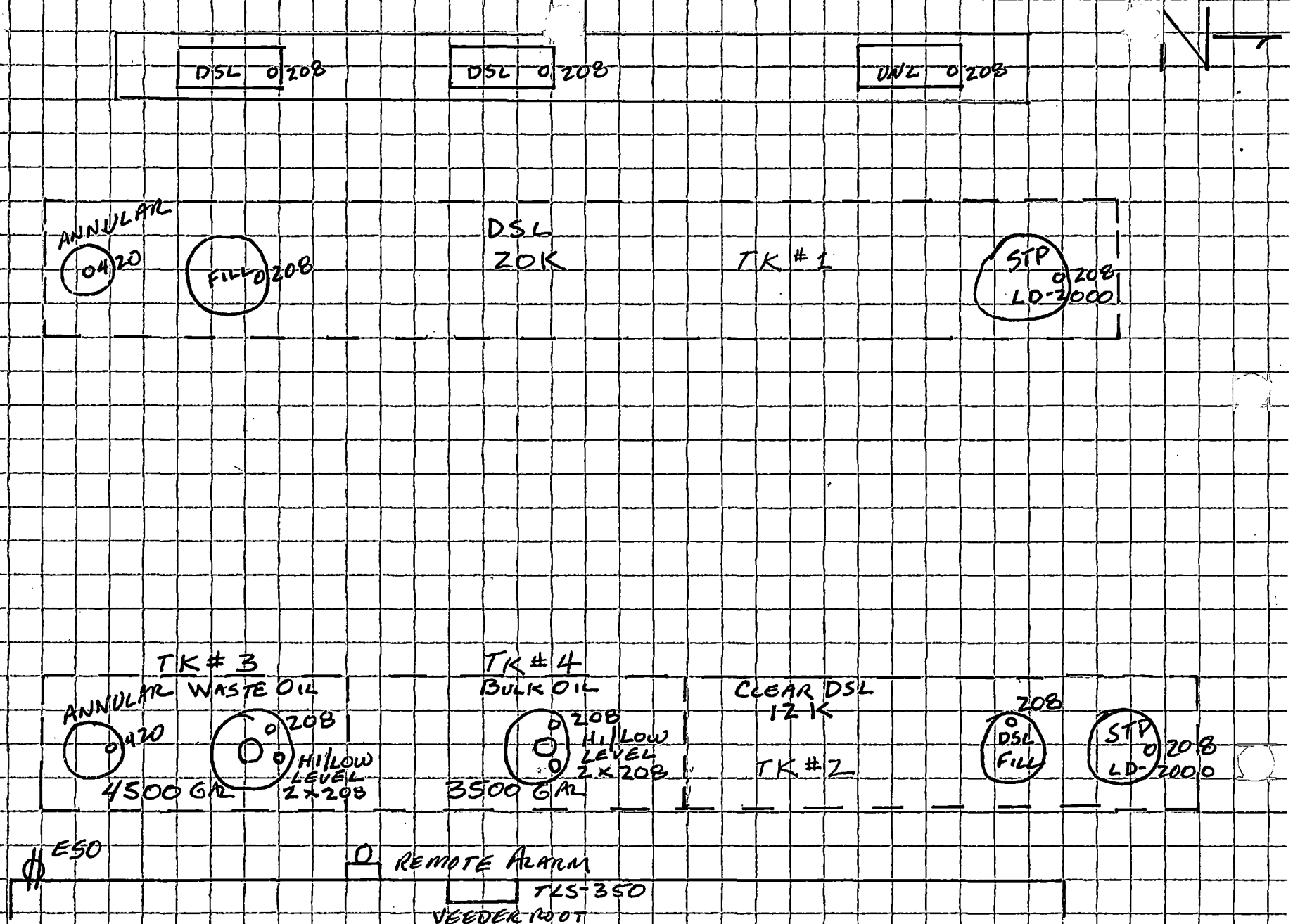
CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	REPRESENTING	DATE: M91.
Dennis Minnock	☑ Owner M90. ☐ Operator	JUNE 28, 2005
OWNER/OPERATOR NAME (print): M92.		OWNER/OPERATOR TITLE: M93.
DENNIS MINNOCK		DESIGNATED TANK OPERATOR

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

Comments/Special Conditions: _____



VULCAN MATERIALS CO. — SITE PLAN
2400 W HIGHLAND, SAN BERNARDINO

UNDERGROUND STORAGE TANK

RESPONSE PLAN – PAGE 1

(One form per facility)

TYPE OF ACTION ☐ 1. NEW PLAN ☑ 2. CHANGE OF INFORMATION R01.

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)*

BUSINESS NAME (Same as FACILITY NAME) R02.
VULCAN MATERIALS COMPANY

BUSINESS SITE ADDRESS R03. | CITY R04.
2400 WEST HIGHLAND | SAN BERNARDINO

II. SPILL CONTROL AND CLEANUP METHODS

This plan addresses unauthorized releases from UST systems and supplements the emergency response plans and procedures in the facility's Hazardous Materials Business Plan.

- If safe to do so, facility personnel will take immediate measures to control or stop any release (e.g., activate pump shut-off, etc.) and, if necessary, safely remove remaining hazardous material from the UST system.
- Any release to secondary containment will be pumped or otherwise removed within a time consistent with the ability of the secondary containment system to contain the hazardous material, but not greater than 30 calendar days, or sooner if required by the local agency. Recovered hazardous materials, unless still suitable for their intended use, will be managed as hazardous waste.
- Absorbent material will be used to contain and clean up manageable spills of hazardous materials. Absorbent material may be reused until it becomes too saturated to be effective. It will then be managed properly. Used absorbent material, reusable or waste, will be stored in a properly labeled and sealed container.
- Facility personnel will determine whether any water removed from secondary containment systems, or from clean-up activity, has been in contact with any hazardous material. If the water is contaminated, it will be managed as hazardous waste. If the water has a petroleum sheen (i.e., rainbow colors), it is contaminated. A thick floating petroleum layer may not necessarily display rainbow colors. Water (hazardous or non-hazardous) from sumps, spill containers, etc. will not be disposed to storm water systems.
- We will review secondary containment systems for possible deterioration if any of the following conditions occur:
  1. Hazardous material in contact with secondary containment is not compatible with the material used for secondary containment;
  2. Secondary containment is prone to damage from any equipment used to remove or clean up hazardous material collected in secondary containment;
  3. Hazardous material, other than the product/waste stored in the primary containment system, is placed inside secondary containment to treat or neutralize released product/waste, and the added material or resulting material from such a combination is not compatible with secondary containment.

III. SPILL CONTROL AND CLEAN-UP EQUIPMENT

PERIODIC MAINTENANCE: Spill control and clean-up equipment kept permanently on-site is listed in the facility's Hazardous Materials Business Plan. This equipment is inspected at least monthly, and after each use, supplies are replenished as needed. Defective equipment is repaired or replaced as necessary.

EQUIPMENT NOT PERMANENTLY ON-SITE, BUT AVAILABLE FOR USE IF NEEDED: (Complete only if applicable)

EQUIPMENT	LOCATION	AVAILABILITY
R10.	R20.	R30.
R11.	R21.	R31.
R12.	R22.	R32.
R13.	R23.	R33.
R14.	R24.	R34.
R15.	R25.	R35.

IV. RESPONSIBLE PERSONS

THE FOLLOWING PERSON(S) IS/ARE RESPONSIBLE FOR AUTHORIZING ANY WORK NECESSARY UNDER THIS RESPONSE PLAN:

NAME	TITLE
R40. DARRYL CHAMPION	R50. PLANT MANAGER
R41. MATT BRANSTETTER	R51. ASSISTANT PLANT MANAGER
R42.	R52.
R43.	R53.

V. INDIRECT HAZARD DETERMINATION

This information is required only when the presence of the hazardous substance can not be verified directly by the monitoring method used (e.g., where liquid level measurements in a tank annular space or secondary piping are used as the basis for leak determination).

THE FOLLOWING STEPS WILL BE TAKEN TO VERIFY THE PRESENCE OR ABSENCE OF HAZARDOUS SUBSTANCE IN THE SECONDARY CONTAINMENT IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE:

R60.

UST Response Plan – Instructions

Complete one UST Response Plan for each UST facility. This form must be submitted with your initial UST Operating Permit Application and within 30 days of changes in the information it contains. It supplements the Emergency Response Plans and Procedures in the facility's Hazardous Materials Business Plan. (Note: Numbering of these instructions follows the data element numbers on the form.)

R01. TYPE OF ACTION – Check the appropriate box to indicate why this plan is being submitted.
FACILITY ID NUMBER – This space is for agency use only.

R02. BUSINESS NAME – Enter the complete Facility Name.

R03. BUSINESS SITE ADDRESS – Enter the street address where the facility is located, including building number, if applicable. Post office box numbers are not acceptable. This information must provide a means to locate the facility geographically.

R04. CITY – Enter the city or unincorporated area in which the facility is located.

R10. EQUIPMENT – If you have spill control or clean-up equipment kept off-site, list that equipment in sections R10 through R15. If no equipment is kept off-site, leave this section blank.

R20. LOCATION – If you have spill control or clean-up equipment kept off-site, list the equipment location(s) sections R20 through R25. If no equipment is kept off-site, leave this section blank.

R30. AVAILABILITY – If you have spill control or clean-up equipment kept off-site, list the equipment availability in sections R30 through R35. If no equipment is kept off-site, leave this section blank.

R40. NAME – At least one person responsible for authorizing any work necessary under this UST Response Plan must be identified. Use sections R40 through R43 to list the name(s) of the responsible person(s).

R50. TITLE – At least one person responsible for authorizing any work necessary under this UST Response Plan must be identified. Use sections R50 through R53 to list the job title(s) of the responsible person(s).

R60. INDIRECT HAZARD DETERMINATION – This section applies only when the presence of the hazardous substance can not be verified directly by the monitoring method used (e.g., hydrostatic monitoring of a tank annular space, where liquid level measurements are used as the basis for leak determination). Briefly describe the steps that will be taken to verify the presence or absence of hazardous substance in the secondary containment if monitoring indicates a possible unauthorized release.

OWNER/OPERATOR SIGNATURE – The owner/operator shall sign in the space provided. This signature certifies that the signer believes that all information submitted is true, accurate, and complete.

R70. DATE – Enter the date the plan was signed.

R71. OWNER/OPERATOR NAME – Print or type the name of the person signing the plan.

R72. OWNER/OPERATOR TITLE – Enter the title of the person signing the plan.

UNDERGROUND STORAGE TANK

RESPONSE PLAN – PAGE 2

VI. LEAK INTERCEPTION AND DETECTION SYSTEM

This information is required only for motor vehicle fuel UST systems constructed per the Alternate Construction Requirements of 23 CCR §2633, and only if the Leak Interception and Detection System (LIDS) does not meet the volumetric requirements of 23 CCR §2631(d)(1) through (5) (i.e., when accounting for rainfall and backfill material, the secondary containment volume is less than 100% of primary tank volume for a single UST; or in the case of multiple USTs in shared secondary containment, 150% of the largest primary tank volume or 10% of aggregate primary tank volume, whichever is greater).

ATTACH AN ADDITIONAL PAGE TO THIS PLAN CONTAINING THE FOLLOWING INFORMATION:

- The volume of the LIDS in relation to the volume of the primary container;
- The amount of time the LIDS shall provide containment related to the time between detection of an unauthorized release and cleanup of the leaked substance;
- The depth from the bottom of the LIDS to the highest anticipated level of groundwater;
- The nature of the unsaturated soils under the LIDS and their ability to absorb contaminants or to allow movement of contaminants;
- The methods and scheduling for removal of all hazardous substances which may have been discharged from primary containment and are located in the unsaturated soils between the primary containment and groundwater, including the LIDS sump.

VII. REPORTING AND RECORD KEEPING

We will report/record any overfill, spill, or unauthorized release from a UST system as indicated in this plan.

Recordable Releases: Any unauthorized release from primary containment which the UST operator is able to clean up within eight (8) hours after the release was detected or should reasonably have been detected, and which does not escape from secondary containment, does not increase the hazard of fire or explosion, and does not cause any deterioration of secondary containment, must be recorded in the facility's monitoring records. Monitoring records must include:

- The UST operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous substances released;
- A description of the actions taken to control and clean up the release;
- The method and location of disposal of the released hazardous substances, and whether a hazardous waste manifest was or will be used;
- A description of actions taken to repair the UST and to prevent future releases;
- A description of the method used to reactivate interstitial monitoring after replacement or repair of primary containment.

Reportable Releases: Any overfill, spill, or unauthorized release which escapes from secondary containment (or primary containment if no secondary containment exists), increases the hazard of fire or explosion, or causes any deterioration of secondary containment, is a reportable release. Reportable releases are also recordable.

Within 24 hours after a reportable release has been detected, or should have been detected, we will notify the local agency administering the UST program of the release, investigate the release, and take immediate measures to stop the release. If necessary, or if required by the local agency, remaining stored product/waste will be removed from the UST to prevent further releases or facilitate corrective action. If an emergency exists, we will notify the State Office of Emergency Services.

Within five (5) working days of a reportable release, we will submit to the local agency a full written report containing all of the following information to the extent that the information is known at the time of filing the report:

- The UST owner's or operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous materials released;
- The approximate date of the release;
- The date on which the release was discovered;
- The date on which the release was stopped;
- A description of actions taken to control and/or stop the release;
- A description of corrective and remedial actions, including investigations which were undertaken and will be conducted to determine the nature and extent of soil, ground water or surface water contamination due to the release;
- The method(s) of cleanup implemented to date, proposed cleanup actions, and a schedule for implementing the proposed actions;
- The method(s) and location(s) of disposal of released hazardous materials and any contaminated soils, groundwater, or surface water.
- Copies of any hazardous waste manifests used for off-site transport of hazardous wastes associated with clean-up activity;
- A description of proposed methods for any repair or replacement of UST system primary/secondary containment systems;
- A description of additional actions taken to prevent future releases.

We will follow the reporting procedures described above if any of the following conditions occur:

- A recordable unauthorized release can not be cleaned up or is still under investigation within eight (8) hours of detection;
- Released hazardous substances are discovered at the UST site or in the surrounding area;
- Unusual operating conditions are observed, including erratic behavior of product dispensing equipment, sudden loss of product, or the unexplained presence of water in the tank, unless system equipment is found to be defective and is immediately repaired or replaced, and no leak has occurred;
- Monitoring results from UST system monitoring equipment/methods indicate that a release may have occurred, unless the monitoring equipment is found to be defective and is immediately repaired, recalibrated, or replaced, and additional monitoring does not confirm the initial results.

Record Retention: Monitoring records and written reports of unauthorized releases must be maintained on-site (or off-site at a readily available location, if approved by the local agency) for at least 3 years. Hazardous waste shipping/disposal records (e.g., manifests) must be maintained for at least 3 years from the date of shipment.

VIII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	DATE R70.
Dennis Minnock	JUNE 28, 2005
OWNER/OPERATOR NAME (print) R71.	OWNER/OPERATOR TITLE R72.
DENNIS MINNOCK	DESIGNATED TANK OPERATOR

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

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UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY SITE CLOSURE
☑ 3. RENEWAL PERMIT ☐ 7. PERMANENTLY CLOSED ON SITE
(Specify reason - for local use only) (Specify change - for local use only) ☐ 8. TANK REMOVED 430

FACILITY ID # 3 6 0 0 1 1679 1 | BUSINESS NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS CO. 3

BUSINESS ADDRESS 2400 WEST HIGHLAND | CITY SAN BERNARDINO | ZIP CODE 92407

LOCATION WITHIN SITE (Optional) 431

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 1 | 432
TANK MANUFACTURER TOOR | 433
COMPARTMENTALIZED TANK ☐ Yes ☑ No | 434
If "Yes", complete one page for each compartment.
DATE INSTALLED (YEAR/MO) | 435
TANK CAPACITY IN GALLONS 20,000 GALLONS | 436
NUMBER OF COMPARTMENTS 0 | 437
ADDITIONAL DESCRIPTION | 438

II. TANK CONTENTS

TANK USE 439
☑ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☑ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MID-GRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER

COMMON NAME (from Hazardous Materials Inventory page) 441: RED DYE DIESEL
CAS # (from Hazardous Materials Inventory page) 442

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM
☑ 2. DOUBLE WALL ☐ 4. SINGLE WALL IN A VAULT ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only) 444
☑ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☑ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 99. OTHER
☐ 5. CONCRETE ☐ 10. COATED STEEL

TANK INTERIOR LINING OR COATING (Check one item only) 446
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☐ 95. UNKNOWN
☐ 2. ALKYD LINING ☐ 4. PHENOLIC LINING ☐ 6. UNLINED ☐ 99. OTHER
DATE INSTALLED 447 (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply) 448
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 95. UNKNOWN
☐ 2. SACRIFICIAL ANODE ☐ 4. IMPRESSED CURRENT ☐ 99. OTHER
DATE INSTALLED 449 (For local use only)

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED 450	TYPE (For local use only) 451
☑ 1. SPILL CONTAINMENT	1987	
☑ 2. DROP TUBE	1997	
☑ 3. STRIKER PLATE	1987	

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☑ 1. ALARM 1997 ☐ 3. FILL TUBE SHUT OFF VALVE 1997
☑ 2. BALL FLOAT 1987 ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): 453
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): 454
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) 455 | ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456 _____ gallons | TANK FILLED WITH INERT MATERIAL? 457 ☐ Yes ☐ No

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TK # 1

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION (Check all that apply)

	UNDERGROUND PIPING	ABOVEGROUND PIPING
SYSTEM TYPE	☑ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459
CONSTRUCTION/ MANUFACTURER	☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460 ☑ 2. DOUBLE WALL ☐ 95. UNKNOWN MANUFACTURER JOOR 461	☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462 ☐ 2. DOUBLE WALL ☐ 99. OTHER MANUFACTURER 463
MATERIALS AND CORROSION PROTECTION (check all that apply)	☐ 1. BARE STEEL ☑ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 95. UNKNOWN ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 5. STEEL W/ COATING ☐ 9. CATHODIC PROTECTION 464	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION ☐ 5. STEEL W/ COATING ☐ 95. UNKNOWN 465

VII. PIPING LEAK DETECTION (Check all that apply)(a description of the monitoring program shall be submitted to the local agency.)

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING (Check all that apply):

☑ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
☐ 2. MONTHLY 0.2 GPH TEST
☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)

CONVENTIONAL SUCTION SYSTEMS:

☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW:

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

☑ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
- ☑ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
- ☑ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
- ☐ c. NO AUTO PUMP SHUT OFF

☑ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION
☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply):

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION
☐ 16. ANNUAL INTEGRITY TEST
☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
☐ 2. MONTHLY 0.2 GPH TEST
☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)
☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS:

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW:

☐ 8. DAILY VISUAL MONITORING
☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
- ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
- ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
- ☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LEAK
☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply):

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST
☐ 16. ANNUAL INTEGRITY TEST
☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT DATE INSTALLED 468: 1997

☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
☑ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
☐ 4. DAILY VISUAL CHECK
☐ 5. TRENCH LINER / MONITORING
☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR: Dennis Minnock
DATE 470: JUNE 28, 2005
NAME OF OWNER/OPERATOR(print) 471: DENNIS M. MINNOCK
TITLE OF OWNER/OPERATOR 472: DESIGNATED TANK OPERATOR

Revised 6/11/2002

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UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☑ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY SITE CLOSURE
☐ 3. RENEWAL PERMIT ☐ 7. PERMANENTLY CLOSED ON SITE
☐ 8. TANK REMOVED 430
(Specify reason - for local use only) (Specify change - for local use only)
UNL TK TO DSL TK

FACILITY ID # 3 6 0 0 1 1679 1 BUSINESS NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS CO. 3

BUSINESS ADDRESS 2400 WEST HIGHLAND CITY SAN BERNARDINO ZIP CODE 92407

LOCATION WITHIN SITE (Optional) 431

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 2 432 | TANK MANUFACTURER JOOR 433 | COMPARTMENTALIZED TANK ☑ Yes ☐ No 434 (If "Yes", complete one page for each compartment.)

DATE INSTALLED (YEAR/MO) 1987/03 435 | TANK CAPACITY IN GALLONS 12,000 436 | NUMBER OF COMPARTMENTS 3 TOTAL 437

ADDITIONAL DESCRIPTION 438

II. TANK CONTENTS

TANK USE 439
☑ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☑ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MID-GRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER

COMMON NAME (from Hazardous Materials Inventory page) 441: CLEAR DIESEL #2

CAS # (from Hazardous Materials Inventory page) 442

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM
☑ 2. DOUBLE WALL ☐ 4. SINGLE WALL IN A VAULT ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only) 444
☑ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☑ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 99. OTHER
☐ 5. CONCRETE ☐ 10. COATED STEEL

TANK INTERIOR LINING OR COATING (Check one item only) 446 DATE INSTALLED 447 (For local use only)
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☐ 95. UNKNOWN
☐ 2. ALKYD LINING ☐ 4. PHENOLIC LINING ☐ 6. UNLINED ☐ 99. OTHER

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply) 448 DATE INSTALLED 449 (For local use only)
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 95. UNKNOWN
☐ 2. SACRIFICIAL ANODE ☐ 4. IMPRESSED CURRENT ☐ 99. OTHER

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED 450	TYPE (For local use only) 451
☑ 1. SPILL CONTAINMENT	1987	
☑ 2. DROP TUBE	1997	
☑ 3. STRIKER PLATE	1987	

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☑ 1. ALARM 1997 ☑ 3. FILL TUBE SHUT OFF VALVE 1997
☑ 2. BALL FLOAT 1987 ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): 453
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): 454
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) 455 _____
ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456 _____ gallons
TANK FILLED WITH INERT MATERIAL? 457 ☐ Yes ☐ No

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TK # 2

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION *(Check all that apply)*

	UNDERGROUND PIPING	ABOVEGROUND PIPING
SYSTEM TYPE	☑ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459
CONSTRUCTION/ MANUFACTURER	☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460 ☑ 2. DOUBLE WALL ☐ 95. UNKNOWN MANUFACTURER SMITH 461	☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462 ☐ 2. DOUBLE WALL ☐ 99. OTHER MANUFACTURER 463
MATERIALS AND CORROSION PROTECTION *(check all that apply)*	☐ 1. BARE STEEL ☑ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 95. UNKNOWN ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 5. STEEL W/ COATING ☐ 9. CATHODIC PROTECTION 464	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION ☐ 5. STEEL W/ COATING ☐ 95. UNKNOWN 465

VII. PIPING LEAK DETECTION *(Check all that apply)(a description of the monitoring program shall be submitted to the local agency.)*

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING *(Check all that apply):*

- ☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
- ☐ 2. MONTHLY 0.2 GPH TEST
- ☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)

CONVENTIONAL SUCTION SYSTEMS:

- ☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

- ☐ 7. SELF MONITORING

GRAVITY FLOW:

- ☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

- 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
  - ☑ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
  - ☑ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
  - ☐ c. NO AUTO PUMP SHUT OFF
- ☑ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION
- ☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

- ☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

- ☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
- ☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION
- ☐ 16. ANNUAL INTEGRITY TEST
- ☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING *(Check all that apply):*

- ☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
- ☐ 2. MONTHLY 0.2 GPH TEST
- ☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)
- ☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS:

- ☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
- ☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

- ☐ 7. SELF MONITORING

GRAVITY FLOW:

- ☐ 8. DAILY VISUAL MONITORING
- ☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

- 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
  - ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
  - ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
  - ☐ c. NO AUTO PUMP SHUT OFF
- ☐ 11. AUTOMATIC LEAK
- ☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

- ☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

- ☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
- ☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST
- ☐ 16. ANNUAL INTEGRITY TEST
- ☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT DATE INSTALLED 468: 1997

- ☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
- ☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
- ☑ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
- ☐ 4. DAILY VISUAL CHECK
- ☐ 5. TRENCH LINER / MONITORING
- ☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR: Dennis Minnock	DATE 470: JUNE 28, 2005
NAME OF OWNER/OPERATOR *(print)* 471: Dennis Minnock	TITLE OF OWNER/OPERATOR 472: DESIGNATED TANK OPERATOR

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UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY SITE CLOSURE
☑ 3. RENEWAL PERMIT ☐ 7. PERMANENTLY CLOSED ON SITE
(Specify reason - for local use only) (Specify change - for local use only) ☐ 8. TANK REMOVED 430

FACILITY ID # 3 6 0 0 1 1679 1 | BUSINESS NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS CO. 3

BUSINESS ADDRESS 2400 WEST HIGHLAND | CITY SAN BERNARDINO | ZIP CODE 92407

LOCATION WITHIN SITE (Optional) 431

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 3 432 | TANK MANUFACTURER TOOR 433 | COMPARTMENTALIZED TANK ☑ Yes ☐ No 434 (If "Yes", complete one page for each compartment.)

DATE INSTALLED (YEAR/MO) 1987/03 435 | TANK CAPACITY IN GALLONS 45006ALLONS 436 | NUMBER OF COMPARTMENTS 3 TOTAL 437

ADDITIONAL DESCRIPTION 438

II. TANK CONTENTS

TANK USE 439
☐ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☑ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MID-GRADE UNLEADED ☐ 4. GASOHOL ☑ 99. OTHER WASTE OIL

COMMON NAME (from Hazardous Materials Inventory page) 441: WASTE OIL

CAS # (from Hazardous Materials Inventory page) 442:

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM
☑ 2. DOUBLE WALL ☐ 4. SINGLE WALL IN A VAULT ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only) 444
☑ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☑ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 99. OTHER
☐ 5. CONCRETE ☐ 10. COATED STEEL

TANK INTERIOR LINING OR COATING (Check one item only) 446
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☐ 95. UNKNOWN
☐ 2. ALKYD LINING ☐ 4. PHENOLIC LINING ☐ 6. UNLINED ☐ 99. OTHER
DATE INSTALLED 447 (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply) 448
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 95. UNKNOWN
☐ 2. SACRIFICIAL ANODE ☐ 4. IMPRESSED CURRENT ☐ 99. OTHER
DATE INSTALLED 449 (For local use only)

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED 450	TYPE (For local use only) 451
☑ 1. SPILL CONTAINMENT	1997	
☐ 2. DROP TUBE		
☑ 3. STRIKER PLATE	1987	

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☑ 1. ALARM 1997 ☐ 3. FILL TUBE SHUT OFF VALVE
☑ 2. BALL FLOAT 1987 ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): 453
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): 454
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) 455 | ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456 ____ gallons | TANK FILLED WITH INERT MATERIAL? 457 ☐ Yes ☐ No

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TK # 3
WASTE OIL

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION *(Check all that apply)*

	UNDERGROUND PIPING	ABOVEGROUND PIPING
SYSTEM TYPE	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459
CONSTRUCTION/ MANUFACTURER	☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460 ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN MANUFACTURER_____ 461	☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462 ☐ 2. DOUBLE WALL ☐ 99. OTHER MANUFACTURER_____ 463
MATERIALS AND CORROSION PROTECTION *(check all that apply)*	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 95. UNKNOWN ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 5. STEEL W/ COATING ☐ 9. CATHODIC PROTECTION 464	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION ☐ 5. STEEL W/ COATING ☐ 95. UNKNOWN 465

VII. PIPING LEAK DETECTION *(Check all that apply)(a description of the monitoring program shall be submitted to the local agency.)*

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING *(Check all that apply):*

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
☐ 2. MONTHLY 0.2 GPH TEST
☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)

CONVENTIONAL SUCTION SYSTEMS:

☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW:

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
  ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
  ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
  ☐ c. NO AUTO PUMP SHUT OFF
☐ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION
☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION
☐ 16. ANNUAL INTEGRITY TEST
☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING *(Check all that apply):*

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS
☐ 2. MONTHLY 0.2 GPH TEST
☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)
☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS:

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM
☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW:

☐ 8. DAILY VISUAL MONITORING
☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
  ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
  ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
  ☐ c. NO AUTO PUMP SHUT OFF
☐ 11. AUTOMATIC LEAK
☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS
☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST
☐ 16. ANNUAL INTEGRITY TEST
☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT DATE INSTALLED 468 _____

☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE
☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS
☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS
☐ 4. DAILY VISUAL CHECK
☐ 5. TRENCH LINER / MONITORING
☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR: Dennis Minnick	DATE 470: JUNE 28, 2005
NAME OF OWNER/OPERATOR (print) 471: DENNIS MINNOCK	TITLE OF OWNER/OPERATOR 472: DESIGNATED TANK OPERATOR

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UNDERGROUND STORAGE TANKS - TANK PAGE 1

TYPE OF ACTION (Check one item only)
☐ 1. NEW SITE PERMIT ☐ 4. AMENDED PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 6. TEMPORARY SITE CLOSURE
☐ 3. RENEWAL PERMIT ☐ 7. PERMANENTLY CLOSED ON SITE
(Specify reason - for local use only) (Specify change - for local use only) ☐ 8. TANK REMOVED 430

FACILITY ID # 3 6 0 0 1 1679 1 | BUSINESS NAME (Same as FACILITY NAME or DBA) VULCAN MATERIALS CO. 3

BUSINESS ADDRESS 2400 WEST HIGHLAND | CITY SAN BERNARDINO | ZIP CODE 92407

LOCATION WITHIN SITE (Optional) 431

I. TANK DESCRIPTION

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

TANK ID # 4 432 | TANK MANUFACTURER JOOR 433 | COMPARTMENTALIZED TANK ☑ Yes ☐ No 434
If "Yes", complete one page for each compartment.

DATE INSTALLED (YEAR/MO) 1987/03 435 | TANK CAPACITY IN GALLONS 3500 GALLONS 436 | NUMBER OF COMPARTMENTS 3 TOTAL 437

ADDITIONAL DESCRIPTION 438

II. TANK CONTENTS

TANK USE 439
☐ 1. MOTOR VEHICLE FUEL (If marked, complete Petroleum Type)
☑ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440
☐ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MID-GRADE UNLEADED ☐ 4. GASOHOL ☑ 99. OTHER BULK OIL

COMMON NAME (from Hazardous Materials Inventory page) 441: NEW OIL
CAS # (from Hazardous Materials Inventory page) 442:

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☑ 2. DOUBLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 4. SINGLE WALL IN A VAULT ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - primary tank (Check one item only) 444
☑ 1. BARE STEEL ☐ 2. STAINLESS STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 4. STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 5. CONCRETE ☐ 8. FRP COMPATIBLE W/100% METHANOL ☐ 95. UNKNOWN ☐ 99. OTHER

TANK MATERIAL - secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 2. STAINLESS STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 5. CONCRETE ☑ 8. FRP COMPATIBLE W/100% METHANOL ☐ 9. FRP NON-CORRODIBLE JACKET ☐ 10. COATED STEEL ☐ 95. UNKNOWN ☐ 99. OTHER

TANK INTERIOR LINING OR COATING (Check one item only) 446
☐ 1. RUBBER LINED ☐ 2. ALKYD LINING ☐ 3. EPOXY LINING ☐ 4. PHENOLIC LINING ☐ 5. GLASS LINING ☐ 6. UNLINED ☐ 95. UNKNOWN ☐ 99. OTHER
DATE INSTALLED 447 (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check all that apply) 448
☐ 1. MANUFACTURED CATHODIC PROTECTION ☐ 2. SACRIFICIAL ANODE ☐ 3. FIBERGLASS REINFORCED PLASTIC ☐ 4. IMPRESSED CURRENT ☐ 95. UNKNOWN ☐ 99. OTHER
DATE INSTALLED 449 (For local use only)

SPILL AND OVERFILL (Check all that apply)

	YEAR INSTALLED 450	TYPE (For local use only) 451
☑ 1. SPILL CONTAINMENT	1997	
☐ 2. DROP TUBE		
☑ 3. STRIKER PLATE	1987	

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☑ 1. ALARM ____ ☐ 3. FILL TUBE SHUT OFF VALVE ____
☑ 2. BALL FLOAT ____ ☐ 4. EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency)

IF SINGLE WALL TANK (Check all that apply): 453
☐ 1. VISUAL (EXPOSED PORTION ONLY)
☐ 2. AUTOMATIC TANK GAUGING (ATG)
☐ 3. CONTINUOUS ATG
☐ 4. STATISTICAL INVENTORY RECONCILIATION (SIR) + BIENNIAL TANK TESTING
☐ 5. MANUAL TANK GAUGING (MTG)
☐ 6. VADOSE ZONE
☐ 7. GROUNDWATER
☐ 8. TANK TESTING
☐ 99. OTHER

IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only): 454
☐ 1. VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2. CONTINUOUS INTERSTITIAL MONITORING
☐ 3. MANUAL MONITORING

V. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YY/MM/DD) 455 | ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456 ____ gallons | TANK FILLED WITH INERT MATERIAL? 457 ☐ Yes ☐ No

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TK # 4
NEW OIL

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION *(Check all that apply)*

	UNDERGROUND PIPING	ABOVEGROUND PIPING
SYSTEM TYPE	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 458	☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459
CONSTRUCTION/ MANUFACTURER	☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460 ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN MANUFACTURER_____ 461	☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462 ☐ 2. DOUBLE WALL ☐ 99. OTHER MANUFACTURER_____ 463
MATERIALS AND CORROSION PROTECTION *(check all that apply)*	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 95. UNKNOWN ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 5. STEEL W/ COATING ☐ 9. CATHODIC PROTECTION 464	☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/ 100% METHANOL ☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ 3. PLASTIC COMPATIBLE WITH CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER ☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION ☐ 5. STEEL W/ COATING ☐ 95. UNKNOWN 465

VII. PIPING LEAK DETECTION *(Check all that apply)(a description of the monitoring program shall be submitted to the local agency.)*

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING *(Check all that apply):*

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)

CONVENTIONAL SUCTION SYSTEMS:

☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW:

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

☐ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
- ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
- ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
- ☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION

☐ 16. ANNUAL INTEGRITY TEST

☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING *(Check all that apply):*

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUTOFF FOR LEAK, SYSTEM FAILURE AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS:

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM

☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW:

☐ 8. DAILY VISUAL MONITORING

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING *(Check all that apply):*

☐ 10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)
- ☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS
- ☐ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION
- ☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LEAK

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM:

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY *(Check all that apply):*

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUTOFF + AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST

☐ 16. ANNUAL INTEGRITY TEST

☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT DATE INSTALLED 468 _____

☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE

☐ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS

☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS

☐ 4. DAILY VISUAL CHECK

☐ 5. TRENCH LINER / MONITORING

☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR: Dennis Minnock

DATE 470: JUNE 28, 2005

NAME OF OWNER/OPERATOR *(print)* 471: DENNIS MINNOCK

TITLE OF OWNER/OPERATOR 472: DESIGATED TANK OPERATOR

Revised 6/11/2002

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

Page ____ of ____

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Material Date: 6-27-05

Street Address: 2400 W. Highland Ave. Facility No. 1676

City: San Bernardino Zip Code: 92407 Program Record No. 2211

Facility Contact: Dennis Minnock/D. UST Op. ph(714)713-9529 Facility Phone No. 875-5180 Number of Tanks: 4

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
302. UST permit fees paid and current 5-31-06	CHSC 25287(a)		X	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)	X		
308. Failure to report change of ownership within 30 days	CHSC 25284(c)			X
306. Owner/Operator agreement available	CHSC 25284(a)(3)			X
307. Certificate of Financial Responsibility submitted	CHSC 25292.2(a)	X		
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)	X		
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)		X	
312. Designated Operator Statement submitted	CCR 2715(a)		X	
313. Monthly inspections completed by Designated Operator	CCR 2715(c)		X	
305. Prior UST violations corrected within 30 days	CCR 2712(f)		X	
310. Business Plan established and implemented	CHSC 25503.5		X	
311. Business Plan submitted/updated 3-10-05	CHSC 25505		X	
MONITORING OF UST SYSTEMS				
309. Failure to properly monitor UST	CHSC 25293		X	
331. Monitoring system(s) certified annually 6-7-04	CCR 2638 or 2641(j)		X	
334. Audible/visual alarms operational	CCR 2632(c)(2)(B) and 2636(f)(1)		X	
314. Certification sticker/tag affixed to monitoring equipment	CCR 2638(f)		X	
318. Sensors placed at low point of UST system(s)	CCR 2630(d) or 2641(a)		X	
319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)		X	
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)		X	
324. Line leak detector(s) installed and functioning properly	CCR 2636(f)(2) or 2641(f)			
333. Overspill containment installed/tested annually	CHSC 25284.2		X	
327. Overfill protection device installed/operational flapper taken 10-14-02	CCR 2635(b)(2)		X	
328. Secondary containment components tested	CCR 2637(a)		X	
329. UST system design, construction, and monitoring	CCR 2630 or 2640		X	
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)		X	
341. Failure to report unauthorized release	CHSC 25299(d)(1)			X
342. Unlawful abandonment of USTs	CHSC 25298(a)			X
343. Unlawful closure of USTs	CHSC 25298(c)			X
344. Failure to properly temporarily close USTs	CHSC 25298(b)			X
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)			X
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3			X
UNIFORM FIRE CODE REQUIREMENTS				
335. Emergency fuel shut-off device operational Fail safe	UFC 5201.5.3		X	
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2		X	
337. Fire extinguisher(s) present and charged	UFC 5201.9		X	
338. Address clearly visible from street	UFC 901.4.4		X	
OTHER REQUIREMENTS				
Significant Operational Compliance – Prevention OK	40 CFR Part 280		X	
Significant Operational Compliance – Detection OK	40 CFR Part 280		X	
Significant Operational Compliance – Both OK	40 CFR Part 280		X	

Annual UST monitoring system certification inspection conducted with Dennis Minnock from Pacific Systems Electric & Brian from Beta Env. The facility has 4 USTs (Diesel, gas/oil/waste oil) and 2 fuel dispensers. All UST monitoring system components were tested. All facility haz. mat. handler paperwork was reviewed.

-Violations-

303, 307, 330: Failure to submit a UST Application Package, a Certificate of Financial Responsibility and a Leak Detection/Monitoring and Response Plan.

** Complete all forms supplied and submit to this Department within 30 days.

Note: No EVR upgrade on 87 but UST to be converted to diesel use.

VR TLS 350 UST Monitor OK VR 208's sump & UDC sensors - OK VR 420's annulars - OK VR 420's in W.O. overfill - OK spill buckets - Vmi LLD's - OK Flapper ESO - OK Fail safe - OK

LLD

☒ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector: Curtis Armstrong Received by: D Minnock Title: Designated Facility Operator

Revised 03/08/2005

CUPA

San Ber[illegible]no County Fire Department • Hazardous [illegible]aterials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

Page ____ of ____

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials Date: 6-27-05

Street Address: 2400 W. Highland Ave. Facility No. 1676

City: San Bernardino Zip Code: 92407 Program Record No. 2211

Facility Contact: [redacted] Dennis Minnock/D. UST Op. ph (714) 713-9529 Facility Phone No. 875-5180 Number of Tanks: 4

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306. Owner/Operator agreement available	CHSC 25284(a)(3)			X
307. Certificate of Financial Responsibility submitted	CHSC 25292.2(a)	X		
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)	X		
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)		X	
312. Designated Operator Statement submitted	CCR 2715(a)		X	
313. Monthly inspections completed by Designated Operator	CCR 2715(c)		X	
305. Prior UST violations corrected within 30 days	CCR 2712(f)		X	
310. Business Plan established and implemented	CHSC 25503.5		X	
311. Business Plan submitted/updated 3-10-05	CHSC 25505		X	
MONITORING OF UST SYSTEMS				
309. Failure to properly monitor UST	CHSC 25293		X	
331. Monitoring system(s) certified annually 6-7-04	CCR 2638 or 2641(j)		X	
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319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)		X	
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)		X	
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333. Overspill containment installed/tested annually	CHSC 25284.2		X	
327. Overfill protection device installed/operational flapper/ball 10-14-02	CCR 2635(b)(2)		X	
328. Secondary containment components tested	CCR 2637(a)		X	
329. UST system design, construction, and monitoring	CCR 2630 or 2640		X	
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)		X	
341. Failure to report unauthorized release	CHSC 25299(d)(1)			X
342. Unlawful abandonment of USTs	CHSC 25298(a)			X
343. Unlawful closure of USTs	CHSC 25298(c)			X
344. Failure to properly temporarily close USTs	CHSC 25298(b)			X
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)			X
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3			X
UNIFORM FIRE CODE REQUIREMENTS				
335. Emergency fuel shut-off device operational Failsafe	UFC 5201.5.3		X	
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2		X	
337. Fire extinguisher(s) present and charged	UFC 5201.9		X	
338. Address clearly visible from street	UFC 901.4.4		X	
OTHER REQUIREMENTS				
Significant Operational Compliance – Prevention OK	40 CFR Part 280		X	
Significant Operational Compliance – Detection OK	40 CFR Part 280		X	
Significant Operational Compliance – Both OK	40 CFR Part 280		X	

NARRATIVE / CORRECTIONS

Annual UST monitoring system certification + Brian from Beta Env inspection conducted with Dennis Minnock from Pacific Systems Electric. The facility has 4 USTs (Diesel, gas/oil/warkeil) and 2 fuel dispensers. All UST monitoring system components were tested. All facility haz. mat. handler paperwork was reviewed.

-Violations-

303, 307, 330: Failure to submit a UST Application Package, a Certificate of Financial Responsibility and a Leak Detection/Monitoring and Response Plan.

** Complete all forms supplied and submit to this Department within 30 days.

Note: No EVR upgrade on 87 but UST to be converted to diesel use.

VR TLS 350 UST Monitor - OK VR 208's sump + UR sensors - OK VR 420's annulars - OK VR 420's in W.O. overfill - OK Spill buckets - VR LLD's - OK flappers ESO - OK Failsafe - OK

☒ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector: Curtis Armstrong Received by: [signature] Title: Designated Tank Operator

Designation of Underground Storage Tank (UST) Operator

UST Owner Statement of Understanding and Compliance with UST Requirements

Facility Name: Vulcan Materials Company	Facility Permit #: 1676
Facility Address: 2400 West Highland Ave.	Phone: (619) 298-0551
City: San Bernardino	Zip Code: 92407

Reason for Submitting this Form *(Check One)* X Initial Certification __Change of Designated Operator __Certificate Renewal

Designated Operator(s) for this Facility

PRIMARY DESIGNATED UST OPERATOR	
Designated Operator's Name: Dennis Minnock	Relation to UST Facility (Check One)
Business Name *(If different than above):* Pacific Systems Electric	[ ] Owner [ ] Operator [ ] Employee
Designated Operator's Phone#: (714) 713-9529	[ ] Service Technician [X] Third Party
International Code Council Certificate #: **See Attached Certificate**	Expiration Date: 12/07/2006
Alternate 1 (Optional)	
Designated Operator's Name: John Minnock	Relation to UST Facility (Check One)
Business Name *(If different than above):* Pacific Systems Electric	[ ] Owner [ ] Operator [ ] Employee
Designated Operator's Phone#: (714) 240-3674	[ ] Service Technician [X] Third Party
International Code Council Certificate #: **See Attached Certificate**	Expiration Date: 12/09/2006
Alternate 2 (Optional)	
Designated Operator's Name:	Relation to UST Facility (Check One)
Business Name *(If different than above):*	[ ] Owner [ ] Operator [ ] Employee
Designated Operator's Phone#:	[ ] Service Technician [ ] Third Party
International Code Council Certificate #:	Expiration Date:

NOTIFY THE LOCAL REGULATORY AGENCY WITHIN 30 DAYS OF ANY CHANGES TO THIS INFORMATION

I certify that for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training in accorandace with California Code of Regulations, Title 23, Sections 27815(c) - (f). **Futhermore, I understand and am in compliance with the requirements (statues, regulations, and local ordinances) applicable to underground storage tanks.**

Dennis Minnock — **DATE: 12/27/2004**

NAME OF TANK OWNER OR OWNER'S AGENT (Please Print)

Dennis Minnock — **OWNER'S PHONE #: (619) 298-0551**

SIGNATURE OF TANK OWNER OR OWNER'S AGENT

LLD

VMC S.B12/27/2004

Pacific Systems Electric

38330 Via La Paloma
Murrieta California 92563
California State License No. 561275
Servicing the Petroleum Industry Since 1989

File

August 19, 2004

Mr. Jim Smith
SAN BERNARDINO COUNTY FIRE DEPT.
Hazardous Materials Division
620 South E Street
San Bernardino California 92415-0153

Subject: Corrected Annual Monitor Equipment Reports
Location: Vulcan Materials Company
2400 Highland Ave, San Bernardino

Dear Mr. Smith,

It was recently brought to our attention by our client that the tank capacity and tank contents as reported on our June 7, 2004 Annual Monitoring Certification State Form was incorrect. Upon further review we found the July 25, 2003 report to contain the same error.

Attached herewith are corrected copies for your files that are consistent with our clients Business Plan and tank system. Please accept our sincerest apologies for this error and any inconveniences this may have caused.

Sincerely,

Dennis Minnock
General Manager

Cc: Darryl Charlson
Vulcan Materials Co.
2400 Highland Ave.
San Bernardino, CA 92407

RECEIVED
AUG 23 2004
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

909.677.0704 Fax 909.698.5436 888.293.5944

PACIFIC SYSTEMS ELECTRIC

Servicing the Petroleum Industry Since 1989

CA License #561275

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. If more than one monitoring system control panel is installed at the facility, a A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date. Instructions are printed on the back of this page.

A. General Information

Facility Name: Vulcan Materials Company

Site Address: 2400 W. Highland Avenue City: San Bernardino Zip: 92407

Facility Contact Person: Daryl Charlson Contact Phone No.: 909-875-1150

Make/Model of Monitoring System: Veeder Root TLS- 350 Date of Testing/Servicing: 6-7-04

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected / serviced::

Tank ID: Unleaded 10,000 Gallon ☒ In-Tank Gauging Probe. Model: Mag Probe ☒ Annular Space or Vault Sensor. Model: 320 Float ☒ Piping Sump / Trench Sensor(s). Model: 208 Float ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).	**Tank ID:** Red Diesel 20,000 Gallon ☒ In-Tank Gauging Probe. Model: Mag Probe ☒ Annular Space or Vault Sensor. Model: 320 Float ☒ Piping Sump / Trench Sensor(s). Model: 208 Float ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: Waste Oil 10,000 ☐ In-Tank Gauging Probe. Model: ☐ Annular Space or Vault Sensor. Model: ☒ Piping Sump / Trench Sensor(s). Model: 208 Float ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).	**Tank ID:** ☐ In-Tank Gauging Probe. Model: ☐ Annular Space or Vault Sensor. Model: ☐ Piping Sump / Trench Sensor(s). Model: ☐ Fill Sump Sensor(s). Model: ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: 1 ☒ Dispenser Containment Sensor(s). Model: 208 Float ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID: 3** ☒ Dispenser Containment Sensor(s). Model: 208 Float ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: 2 ☒ Dispenser Containment Sensor(s). Model: 208 Float ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID** ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐Dispenser Containment Float(s) and Chain(s).	**Dispenser ID:** ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

- I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Site Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*: ☒System set-up ☒ Alarm history report

Technician Name: Eric W. Larison Signature: Eric Larison Certification No.2783

License. No.: 561275 Testing Company Name: Pacific Systems Electric Phone No.: 909.677.0704

Company Address: 38330 Via La Paloma, Murrieta, CA 92563

Monitoring System Certification

D. Results of Testing/Servicing

Software Version Installed: 17.02

Complete the following checklist:

☒Yes	❑ No*	Is the audible alarm operational?
☒Yes	❑ No*	Is the visual alarm operational?
☒ Yes	❑ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☒ Yes	❑ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
❑ Yes	❑ No* ☒N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☒ Yes	❑ No* ❑ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☒ Sump/Trench Sensors; ☒ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☒ Yes; ❑ No.
❑ Yes	❑ No* ☒ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? _____%
❑ Yes*	☒ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
❑ Yes*	☒ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ❑ Product; ❑ Water. If yes, describe causes in Section E, below.
☒ Yes	❑ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☒ Yes	❑ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

F. In-Tank Gauging / SIR Equipment:

☒ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed.

Complete the following checklist:

☒Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☒ 3 g.p.h ; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☒ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☒ Yes	☐ No*	Was the testing apparatus properly calibrated?
☒ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☒Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

PACIFIC SYSTEMS ELECTRIC

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A. General Information

Facility Name: Vulcan Materials Company

Site Address: 2400 W. Highland Avenue City: San Bernardino Zip: 92407

Facility Contact Person: Daryl Charlson Contact Phone No.: 909-875-1150

Make/Model of Monitoring System: Veeder Root TLS- 350 Date of Testing/Servicing: 7-25-03

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected / serviced:

Tank ID: Unleaded 10,000 Gallon ☒ In-Tank Gauging Probe. Model: Mag Probe ☒ Annular Space or Vault Sensor. Model: 320 Float ☒ Piping Sump / Trench Sensor(s). Model: 208 Float ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).	**Tank ID:** Red Diesel 20,000 Gallon ☒ In-Tank Gauging Probe. Model: Mag Probe ☒ Annular Space or Vault Sensor. Model: 320 Float ☒ Piping Sump / Trench Sensor(s). Model: 208 Float ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: Waste Oil 10,000 ☐ In-Tank Gauging Probe. Model: ☐ Annular Space or Vault Sensor. Model: ☒ Piping Sump / Trench Sensor(s). Model: 208 Float ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).	**Tank ID:** ☐ In-Tank Gauging Probe. Model: ☐ Annular Space or Vault Sensor. Model: ☐ Piping Sump / Trench Sensor(s). Model: ☐ Fill Sump Sensor(s). Model: ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: 1 ☒ Dispenser Containment Sensor(s). Model: 208 Float ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID: 3** ☒ Dispenser Containment Sensor(s). Model: 208 Float ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: 2 ☒ Dispenser Containment Sensor(s). Model: 208 Float ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID** ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID:** ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

- I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; ***(check all that apply)*****:** ☒ **System set-up** ☒ **Alarm history report**

Technician Name (print): Eric W. Larison Signature: Eric Larison Certification No. 2783

License. No.: 561275 Testing Company Name: Pacific Systems Electric Phone No.: 909.677.0704

Company Address: 38330 Via La Paloma, Murrieta, CA 92563

Monitoring System Certification

D. Results of Testing/Servicing

Software Version Installed: 17.02

Complete the following checklist:

☒Yes	❑ No*	Is the audible alarm operational?
☒Yes	❑ No*	Is the visual alarm operational?
☒ Yes	❑ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☒ Yes	❑ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
❑ Yes	❑ No* ☒N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☒ Yes	❑ No* ❑ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☒ Sump/Trench Sensors; ☒ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☒ Yes; ❑ No.
❑ Yes	❑ No* ☒ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? _____ %
❑ Yes*	☒ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
❑ Yes*	☒ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ❑ Product; ❑ Water. If yes, describe causes in Section E, below.
☒ Yes	❑ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☒ Yes	❑ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

F. In-Tank Gauging / SIR Equipment:

☒ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed.

Complete the following checklist:

☒Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☒ 3 g.p.h ; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☒ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☒ Yes	☐ No*	Was the testing apparatus properly calibrated?
☒ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☒Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments: _____

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials – Rock & Sand Date: 08-05-2004

Street Address: 2400 Highland Avenue Est. No: FA 0001676

City: San Bernardino Zip Code: 92407 Number of Tanks: 4

Facility Contact: Matt Branstetter Facility Phone No. 909-875-1150 Number of Employees: _____

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
301. UST permits obtained	CHSC 25284(a)			X
302. UST permit fees paid and current	CHSC 25287(a)			X
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)			X
304. UST monitoring/maintenance records available for 3 years	CCR 2712(b)			X
305. Prior UST violations corrected within 30 days	CCR 2712(f)			X
306. Owner-operator agreement available	CHSC 25284(a)(3)(A)			X
307. Certification of Financial Responsibility submitted	CCR 2809			X
308. Failure to report change of ownership within 30 days	CHSC 25284(c)			X
309. Failure to properly monitor UST	CHSC 25293			X
310. Business Plan established and implemented	CHSC 25503.5			X
311. Business Plan submitted/updated	CHSC 25505			X
MONITORING OF EXISTING UST SYSTEM (Pre 1984)				
Monitoring in General -				
315. Leak Detection/Monitoring and Response Plan available	CCR 2641			
316. Required UST precision tests conducted	CCR 2640 et. seq.			
317. Monitoring devices maintained annually	CCR 2641(j)			
Piping -				
320. Pressurized piping tested annually	CHSC 25292(e)			
321. In-line leak detector installed on pressurized piping	CHSC 25292(e)			
322. Suction piping tested every 3 years	CCR 2643(d)			
Inventory Reconciliation for Single Wall USTs -				
325. Monthly inventory reconciliation performed and available(ATG)	CCR 2646(a)			
326. Dispenser meters maintained annually	CCR 2646(j)			
MONITORING OF NEW UST SYSTEMS (1984 to Present)				
330. Leak Detection/Monitoring and Response Plan available	CCR 2632			X
331. Monitoring systems certified annually	CCR 2630(d)			X
332. Pressurized piping monitored/tested	CCR 2636			X
333. Overfill/spill protection installed	CHSC 25291(c)			X
334. Visual/audible alarms operational	CCR 2632(c)(2)(B)			X
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)			X
341. Failure to report unauthorized release	CHSC 25299(d)(1)			X
342. Unlawful abandonment of USTs	CHSC 25298(a)			X
343. Unlawful closure of USTs	CHSC 25298(c)			X
344. Failure to properly temporarily close USTs	CHSC 25298(b)			X
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)			X
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3			X

NARRATIVE / CORRECTIONS

An inspection was conducted to determine the number of underground storage tanks located at the facility. Annual Monitoring Certification and Business Emergency/Contingency Plan listed conflicting information regarding the number and type of tanks.

Observed a 3- compartment tank: 1 compartment contained waste oil, 1 compartment contained unleaded gasoline and the contents of the third compartment were unknown at the time of inspection. Note, a three compartment tank is considered 3 UST's. The fourth UST is a 20,000-gallon Diesel tank.

Update the Business Emergency/Contingency Plan to reflect the correct number, size, contents and locations of the underground storage tanks at this site. Also, notify Pacific Systems Electric of correct UST info.

☐ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN ____ DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector: Leslie Heaviside/Jim Smith Received by: Mail Title: _____

Revised 7/25/2002

FA#

PACIFIC SYSTEMS ELECTRIC

Servicing the Petroleum Industry Since 1989

CA License #561275

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

RECEIVED
JUN 14 2004
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

A. General Information

Facility Name: Vulcan Materials Company

Site Address: 2400 W. Highland Avenue City: San Bernardino Zip:92407

Facility Contact Person: Daryl Charlson Contact Phone No.: 909-875-1150

Make/Model of Monitoring System: Veeder Root TLS- 350 Date of Testing/Servicing: 6-7-04

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected / serviced:

Tank ID: Unleaded 12,000 Gallon ☒ In-Tank Gauging Probe. Model: Mag Probe ☒ Annular Space or Vault Sensor. Model: 320 Float ☒ Piping Sump / Trench Sensor(s). Model: 208 Float ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).	**Tank ID**: Unleaded 10,000 Gallon ☒ In-Tank Gauging Probe. Model: Mag Probe ☒ Annular Space or Vault Sensor. Model: 320 Float ☒ Piping Sump / Trench Sensor(s). Model: 208 Float ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: Waste Oil 4,000 ☐ In-Tank Gauging Probe. Model: ☐ Annular Space or Vault Sensor. Model: ☐ Piping Sump / Trench Sensor(s). Model: ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☒ Tank Overfill / High-Level Sensor. Model: 420 Float ☐ Other (specify equipment type and model in Section E on Page 2).	**Tank ID:** New Oil 4,000 ☐ In-Tank Gauging Probe. Model: ☐ Annular Space or Vault Sensor. Model: ☐ Piping Sump / Trench Sensor(s). Model: ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☒ Tank Overfill / High-Level Sensor. Model: 420 Float ☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: 1 ☒ Dispenser Containment Sensor(s). Model: 208 Float ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID: 3** ☒ Dispenser Containment Sensor(s). Model: 208 Float ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: 2 ☒ Dispenser Containment Sensor(s). Model: 208 Float ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID** ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐Dispenser Containment Float(s) and Chain(s).	**Dispenser ID**: ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

- I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*: ☒System set-up ☒ Alarm history report

Technician Name (print): Eric W. Larison Signature: Eric Larison Certification No. 2783

License. No.: 561275 Testing Company Name: Pacific Systems Electric Phone No.: 909.677.0704

Company Address: 38330 Via La Paloma, Murrieta, CA 92563

fb/ca

Monitoring System Certification

D. Results of Testing/Servicing

Software Version Installed: 17.02

Complete the following checklist:

☒Yes	☐ No*	Is the audible alarm operational?
☒Yes	☐ No*	Is the visual alarm operational?
☒ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☒ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* ☒N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☒ Yes	☐ No* ☐ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☒ Sump/Trench Sensors; ☒ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☒ Yes; ☐ No.
☐ Yes	☐ No* ☒ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? _____ %
☐ Yes*	☒ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☒ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
☒ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☒ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

F. In-Tank Gauging / SIR Equipment:

☒ Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed.

Complete the following checklist:

☒Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☒ 3 g.p.h ; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☒ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☒ Yes	☐ No*	Was the testing apparatus properly calibrated?
☒ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☒Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

[redacted] **CUPA** [redacted]

San Bernardino County Fire Department • Hazardous Materials Division
620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: VULCAN MATERIALS Date: 6.7.04
Street Address: 2400 W. HIGHLAND AVE Facility Id No: 1676
City: SAN BERNARDINO, CA Zip Code: _____ Number of Tanks: 4
Facility Contact: _____ Facility Phone No. _____ Number of Employees: _____

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
301. UST permits obtained	CHSC 25284(a)		✓	
302. UST permit fees paid and current 7/31/04	CHSC 25287(a)		✓	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)		✓	
304. UST monitoring/maintenance records available for 3 years	CCR 2712(b)		✓	
305. Prior UST violations corrected within 30 days	CCR 2712(f)		✓	
306. Owner-operator agreement available	CHSC 25284(a)(3)(A)		✓	
307. Certification of Financial Responsibility submitted	CCR 2809		✓	
308. Failure to report change of ownership within 30 days	CHSC 25284(c)		✓	
309. Failure to properly monitor UST System	CHSC 25293			
310. Business Plan established and implemented	CHSC 25503.5		✓	
311. Business Plan submitted/updated 3/2/04	CHSC 25505		✓	
MONITORING OF EXISTING UST SYSTEM (Pre 1984)				
Monitoring in General -				
315. Leak Detection/Monitoring and Response Plan available	CCR 2641			
316. Required UST precision tests conducted	CCR 2640 et. seq.			
317. Monitoring devices maintained annually	CCR 2641(j)			
Piping -				
320. Pressurized piping tested annually	CHSC 25292(e)			
321. In-line leak detector installed on pressurized piping	CHSC 25292(e)			
322. Suction piping tested every 3 years	CCR 2643(d)			
Inventory Reconciliation for Single Wall USTs -				
325. Monthly inventory reconciliation performed and available (ATG)	CCR 2646(a)			
326. Dispenser meters maintained annually	CCR 2641(j)			
MONITORING OF NEW UST SYSTEMS (1984 to Present)				
330. Leak Detection/Monitoring and Response Plan available	CCR 2632			
331. Monitoring systems maintained annually	CCR 2630(d)			
332. Pressurized piping monitored/ tested	CCR 2636			
333. Overfill/spill protection installed	CHSC 25291(c)			
334. Visual/audible alarms operational	CCR 2632(c)(2)(B)			
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)			
341. Failure to report unauthorized release	CHSC 25299(d)(1)			
342. Unlawful abandonment of USTs	CHSC 25298(a)			
343. Unlawful closure of USTs	CHSC 25298(c)			
344. Failure to properly temporarily close USTs	CHSC 25298(b)			
346. Failure to upgrade or replace UST to prevent releases	CHSC 25292(d)			
347. Unlawful deposit of petroleum into a non-compliant UST	CHSC 25292.3			
CA. Certificate #:				

NARRATIVE / CORRECTIONS

ANNUAL MONITORING CERT BY PACIFIC ELECTRIC (ERIC) ON 6.7.04.

GAS, DIESEL, NEW OIL & WASTE OIL TANKS. V/R MONITORING 208/420 ALL SUMPS/ANNULAR PRESSURIZED/TURBINE FUEL DELIVERY VAPORLESS MLLD's, MONITORING SYSTEM AND LEAK DETECTOR ALL FUNCTIONS NORMAL.

SPILL BUCKETS TESTED ALL PASSED.

NO VIOLATIONS AT TIME OF INSPECTION

☐ **NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN _____ DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

Inspector: Jim Smith Received by: R [signature] Title: Mobile Foreman

Revised 8/11/2002

15-21000-638

LLD

[P]ACIFIC SYSTEMS ELECTRIC

FA 1676

Servicing the Petroleum Industry Since 1989

CA License #561275

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

RECEIVED
JUL 30 2003
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

A. General Information

Facility Name: Vulcan Materials Company

Site Address: 2400 W. Highland Ave. City: San Bernadino Zip:92407

Facility Contact Person: Darryl Charlston Contact Phone No.: 909.875.1150

Make/Model of Monitoring System: Veeder Root TLS-350 Date of Testing/Servicing: 7-25-03

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected / serviced:

Tank ID: Unleaded 12,000 Gallon ☒ In-Tank Gauging Probe. Model: Mag Probe ☒ Annular Space or Vault Sensor. Model: 320 Float ☒ Piping Sump / Trench Sensor(s). Model: 208 Float ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).	**Tank ID:** Unleaded 10,000 Gallon ☒ In-Tank Gauging Probe. Model: Mag Probe ☒ Annular Space or Vault Sensor. Model: 320 Float ☒ Piping Sump / Trench Sensor(s). Model: 208 Float ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: Waste Oil 4,000 ☐ In-Tank Gauging Probe. Model: ☐ Annular Space or Vault Sensor. Model: ☐ Piping Sump / Trench Sensor(s). Model: ☒ Fill Sump Sensor(s). Model: 208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).	**Tank ID:** New Oil 4,000 ☐ In-Tank Gauging Probe. Model: ☐ Annular Space or Vault Sensor. Model: ☐ Piping Sump / Trench Sensor(s). Model: ☒ Fill Sump Sensor(s). Model:208 Float ☐ Mechanical Line Leak Detector. Model: ☐ Electronic Line Leak Detector. Model: ☐ Tank Overfill / High-Level Sensor. Model: ☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: 1 ☒ Dispenser Containment Sensor(s). Model: 208 Float ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID: 3** ☒ Dispenser Containment Sensor(s). Model: 208 Float ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: 2 ☒ Dispenser Containment Sensor(s). Model: 208 Float ☒ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).	**Dispenser ID** ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐Dispenser Containment Float(s) and Chain(s).	**Dispenser ID:** ☐ Dispenser Containment Sensor(s). Model: ☐ Shear Valve(s). ☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

- I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*: ☒System set-up ☒ Alarm history report

Technician Name (print):Eric Larison Signature: Eric Larison Certification No. 10270

License. No.: 561275 Testing Company Name: Pacific Systems Electric Phone No.: 909.677.0704

Company Address: 38330 Via La Paloma, Murrieta, CA 92563

D. Results of Testing/Servicing

Software Version Installed: 17.02

Complete the following checklist:

☒Yes	❑ No*	Is the audible alarm operational?
☒Yes	❑ No*	Is the visual alarm operational?
☒ Yes	❑ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☒ Yes	❑ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
❑ Yes	❑ No* ☒N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
☒ Yes	❑ No* ❑ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☒ Sump/Trench Sensors; ☒ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☒ Yes; ❑ No.
❑ Yes	❑ No* ☒ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? _____ %
❑ Yes*	☒ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
❑ Yes*	☒ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ❑ Product; ❑ Water. If yes, describe causes in Section E, below.
☒ Yes	❑ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☒ Yes	❑ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments:

F. In-Tank Gauging / SIR Equipment: ☒ Check this box if tank gauging is used only for inventory control.

☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD): ☐ Check this box if LLDs are not installed.

Complete the following checklist:

☒Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: ☒ 3 g.p.h ; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☒ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☒ Yes	☐ No*	Was the testing apparatus properly calibrated?
☒ Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* ☒ N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
☒Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments: _____

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials / Cal MAT — Date: 7-25-03

Street Address: 2400 W. Highland Ave. — Facility Id No: 1679

City: San Bernardino — Zip Code: 92407 — Number of Tanks: ~~4~~ 4

Facility Contact: ~~Bonnie~~ Russ Fatherton — Facility Phone No. 875-5180 — Number of Employees: 3

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
301. UST permits obtained	CHSC 25284(a)		X	
302. UST permit fees paid and current 7-31-04	CHSC 25287(a)		X	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)		X	
304. UST monitoring/maintenance records available for 3 years	CCR 2712(b)		X	
305. Prior UST violations corrected within 30 days	CCR 2712(f)		X	
306. Owner-operator agreement available	CHSC 25284(a)(3)(A)		X	
307. Certification of Financial Responsibility submitted	CCR 2809		X	
308. Failure to report change of ownership within 30 days	CHSC 25284(c)		X	
309. Failure to properly monitor UST System	CHSC 25293		X	
310. Business Plan established and implemented	CHSC 25503.5		X	
311. Business Plan submitted/updated 7-"	CHSC 25505	X		
MONITORING OF EXISTING UST SYSTEM (Pre 1984)				
Monitoring in General -				
315. Leak Detection/Monitoring and Response Plan available	CCR 2641			
316. Required UST precision tests conducted	CCR 2640 et. seq.			
317. Monitoring devices maintained annually	CCR 2641(j)			
Piping -				
320. Pressurized piping tested annually	CHSC 25292(e)			
321. In-line leak detector installed on pressurized piping	CHSC 25292(e)			
322. Suction piping tested every 3 years	CCR 2643(d)			
Inventory Reconciliation for Single Wall USTs -				
325. Monthly inventory reconciliation performed and available (ATG)	CCR 2646(a)			
326. Dispenser meters maintained annually	CCR 2641(j)			
MONITORING OF NEW UST SYSTEMS (1984 to Present)				
330. Leak Detection/Monitoring and Response Plan available	CCR 2632		X	
331. Monitoring systems maintained annually	CCR 2630(d)		X	
332. Pressurized piping monitored/ tested	CCR 2636		X	
333. Overfill/spill protection installed	CHSC 25291(c)		X	
334. Visual/audible alarms operational	CCR 2632(c)(2)(B)		X	
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)		X	
341. Failure to report unauthorized release	CHSC 25299(d)(1)			X
342. Unlawful abandonment of USTs	CHSC 25298(a)			X
343. Unlawful closure of USTs	CHSC 25298(c)			X
344. Failure to properly temporarily close USTs	CHSC 25298(b)			X
346. Failure to upgrade or replace UST to prevent releases	CHSC 25292(d)			X
347. Unlawful deposit of petroleum into a non-compliant UST	CHSC 25292.3			X

CA. Certificate #: 16746

NARRATIVE / CORRECTIONS

Annual UST facility inspection conducted with Russ Fatherton

Annual UST monitoring system certification inspection conducted with technicians from Pacific Dennis Mistrock Systems Electric.

The facility produces and transports sand and gravel and has 4 USTs (Diesel, gas-oil-waste oil) and two fuel dispensers.

All UST monitoring system components were tested and were operational.

Violations:

311: Failure to update Business Plan - complete and submit 2 copies of the Business Plan to this Department. Keep one copy on site.

☒ **NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

Inspector: Curtis Armstrong ESH — Received by: R Fatherton — Title: Mobile Foreman

LLD

Revised 6/11/2002

15-21000-638

San Bernardino County Fire Department
Hazardous Materials Division
620 South "E" Street, San Bernardino 92415-0153
(909) 386-8464

Periodic Secondary Containment Testing Form
(Title 23, California Code of Regulations, Section 2637)

Facility Name: VULCAN MAT	Permit #	Test Date: 7.3.03
Facility Address: 2400 W. HIGHLAND AVE SB		Last Test Date:
Facility Contact: PACIFIC ELECT.		Phone:
Testing Contractor:	Technician: ERIK	Phone:
Inspector:	# of UST systems at site:	

Tester is/has:

☐ licensed tank tester or licensed tank installer, or

☒ State Contractor License (Class A General, C-10, C-34, C-36, C-61 or (D-40)) and trained certified by the manufacturer of the monitoring equipment and re-certified at the time interval recommended by the manufacturer or every 36 months, whichever is shorter.

Retest ☐

1	TANK ANNULAR						
	Test Type	psi	Hg	Duration	# of Tanks Tested	Pass	Fail
	☐ Pressure Test						
	☐ Vacuum Test						
	☐ Other *(specify)*						
	☐ Hydrostatic tank(s) {exempt}						
2	PIPING SECONDARY CONTAINMENT						
	Test Type	psi	Hg	Duration	#of Piping Systems Tested	Pass	Fail
	☐ Pressure Test						
	☐ Vacuum Test						
	☐ Other *(specify)*						
	☐ Single-wall piping {exempt}						
3	TURBINE SUMPS						
	Test Type	psi	Hg	Duration	# of Turbine Sumps Tested	Pass	Fail
	☐ Hydrostatic Test						
	☐ Vacuum Test						
	☐ Other *(specify)*						
	☐ Exempt – sump does not provide secondary containment for pressurized piping systems						
4	UDCs						
	Test Type	psi	Hg	Duration	#of UDCs Tested	Pass	Fail
	☐ Hydrostatic Test						
	☐ Vacuum Test						
	☐ Other *(specify)*						
	☐ Exempt – no UDC (must be prior to December 31, 2003)						
5	SPILL CONTAINERS/FILL SUMPS						
	Test Type	psi	Hg	Duration	# of Spill Containers/Fill Sumps Tested		
	☐ Hydrostatic Test						
	☐ Vacuum Test						
	☐ Other *specify)*						

Notes: REPAIR TO WASTE OIL SUMP.

REPAIR to pipe - Re fiberglass 8X4

Notify Tester: 1) All repairs must be approved in advance, by San Bernardino County Fire/CUPA, and 2) Results of the secondary containment test must be submitted within 30 days of the completion of the test.

LLD

FA0001674

SECONDARY CONTAINMENT TESTING REPORT FORM

Pacific Systems Electric

***Murrieta* California 92563**

Retest

California State License No. 561275

Servicing the Petroleum Industry Since 1989

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the local implementing agency.

1. FACILITY INFORMATION

Facility Name: Vulcan Materials Co		Date of Testing:	7-3-03
Facility Address:2400 W. Highland	San Bernardino, CA 92405		**Test Type:**
Facility Contact: Daryl Charlson	Phone: 909.875..1150		☑ Initial
Date Local Agency Was Notified of Testing : 6/27/03			☐ 6 month
Name of Local Agency Inspector *(if present during testing)*:	Jim Smith		☐ 36 month

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric	
Technician Conducting Test:	Earl D. Jones	
Credentials:	☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester
License Type:	A-General Engineering	License Number: 561275

Manufacturer	Manufacturer Training Component(s)	Date Training Expires

RECEIVED
JUL 07 2003
COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
Waste Oil Sump	☑	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
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	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Test water was pumped into (2) -55 Gallon drums, labeled as Hazardous Waste, and left with tank owner for proper disposal.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: Earl Jones Date: 7/3/03

In Compliance JPP

4. TANK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☑Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Vacuum Gauge, Venturi Pump		Equipment Resolution: + / - .25%	

	Tank #	**Tank #**	**Tank #**	**Tank #**
Is Tank Exempt From Testing?[1]	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Tank Capacity:				
Tank Material:				
Tank Manufacturer:				
Product Stored:				
Wait time between applying pressure/vacuum/water and starting test:				
Test Start Time:				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:				
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss	Zero Loss	Zero Loss
Test Result:	☐**Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Was sensor removed for testing?	☑Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☑Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, & recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. {California

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☑ Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Gauge, Nitrogen Gas		Equipment Resolution: + / - .5%	

	Piping Run #1	**Piping Run #2**	**Piping Run #**	**Piping Run #**
Piping Material:				
Piping Manufacturer:				
Piping Diameter:				
Length of Piping Run:				
Product Stored:				
Method and location of piping-run isolation:				
Wait time between applying pressure/vacuum/water and starting test:				
Test Start Time:				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:				
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss	Zero Loss	Zero Loss
Test Result:	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*		
Test Method Used:	☐ Pressure ☐ Vacuum ☑Hydrostatic ☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	Sump # 1	**Sump #**	**Sump #**	**Sump #**
Sump Diameter:	36"			
Sump Depth:	44""			
Sump Material:	Fiberglass			
Height from Tank Top to Top of Highest Piping Penetration:	11"			
Height from Tank Top to Lowest Electrical Penetration:	15"			
Condition of sump prior to testing:	Good			
Portion of Sump Tested[2]	13"			
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐Yes ☐No ☑ NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Turbine shutdown response time	N/A			
Is system programmed for fail-safe shutdown?*	☐Yes ☐No ☑ NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was fail-safe verified to be operational?*	☐Yes ☐No ☑ NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Wait time between applying pressure/vacuum/water and starting test:	15Min			
Test Start Time:	7:11			
Initial Reading (R_I):	2.7047			
Test End Time:	7:26			
Final Reading (R_F):	2.7036			
Test Duration:	15 Minutes	15 Minutes	15 Minutes	15 Minutes
Change in Reading (R_F-R_I):	.0011			
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	No Loss > .002"
Test Result:	☑ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Was sensor removed for testing?	☑Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☑Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[2] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA" the entire sump must be tested. (See SWRCB LG-160)

7. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	UDC #	UDC #	UDC #	UDC #
UDC Manufacturer:				
UDC Material:				
UDC Depth:				
Height from UDC Bottom to Top of Highest Piping Penetration:				
Height from UDC Bottom to Lowest Electrical Penetration:				
Condition of UDC prior to testing:				
Portion of UDC Tested[3]				
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	☐ Yes ☑ No ☐ NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Turbine shutdown response time				
Is system programmed for fail-safe shutdown?*	☐ Yes ☑ No ☐ NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☑ No ☐ NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Wait time between applying pressure/vacuum/water and starting test				
Test Start Time:				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:	15 Minutes	15 Minutes	15 Minutes	15 Minutes
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	No Loss > .002"
Test Result:	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Was sensor removed for testing?	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[3] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐			
Fill Riser Containment Sumps are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	Fill Sump #	**Fill Sump #**	**Fill Sump #**	**Fill Sump #**
Sump Diameter:				
Sump Depth:				
Height from Tank Top to Top of Highest Piping Penetration:				
Height from Tank Top to Lowest Electrical Penetration:				
Condition of sump prior to testing:				
Portion of Sump Tested				
Sump Material:				
Wait time between applying pressure/vacuum/water and starting test:				
Test Start Time:				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:	15 Minutes	15 Minutes	15 Minutes	15 Minutes
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	No Loss > .002"
Test Result:	☐ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Is there a sensor in the sump?	☐Yes ☐No	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Does the sensor alarm when either product or water is detected?	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was sensor removed for testing?	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐			
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Spill Bucket Manufacturer	☐ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used:		Equipment Resolution:	

	Spill Box #	**Spill Box #**	**Spill Box #**	**Spill Box #**
Bucket Diameter:				
Bucket Depth:				
Wait time between applying pressure/vacuum/water and starting test:				
Test Start Time:				
Initial Reading (R_I):				
Test End Time:				
Final Reading (R_F):				
Test Duration:				
Change in Reading (R_F-R_I):				
Pass/Fail Threshold or Criteria:				
Test Result:	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Completed Form Sent To
Local Implementing Agency
By
Pacific Systems Electric

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
909-677-0704
VULCAN ROCK
NY GAS

07/03/2003 7:42 AM

SUMP LEAK TEST REPORT

SUMP

TEST STARTED	7:27 AM
TEST STARTED	07/03/2003
BEGIN LEVEL	2.7835 IN
END TIME	7:42 AM
END DATE	07/03/2003
END LEVEL	2.7827 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
909-677-0704
VULCAN ROCK
NY GAS

07/03/2003 7:26 AM

SUMP LEAK TEST REPORT

SUMP

TEST STARTED	7:11 AM
TEST STARTED	07/03/2003
BEGIN LEVEL	2.7847 IN
END TIME	7:26 AM
END DATE	07/03/2003
END LEVEL	2.7836 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
ECONOMIC DEVELOPMENT
AND PUBLIC SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PETER R. HILLS
Fire Chief
County Fire Warden

June 25, 2003

PACIFIC SYSTEMS ELECTRIC
38330 VIA LA PALOMA
MURRIETA, CA 92563

SUBJECT: MODIFICATION OF FOUR UNDERGROUND STORAGE TANKS LOCATED AT 2400 W. HIGHLAND AVENUE, SAN BERNARDINO

The work plan for repairs to the above subject facility has been approved. This approval is for repairs to sumps, piping boots, and under dispenser containment. Repairs shall consist of re-fiberglassing sumps, replacing existing termination and testing boots, installation of SSI repair boots, and re-sealing under dispenser containment using factory authorized seals and repair kits.

No marine grade Bostic shall be used on containment system. All sealant used must be approved by This Department. "Vulkem" sealant has been approved for use in sumps and on dispenser containment.

This approval is for the above listed repairs only and shall not be construed as approval for any other repairs or modifications. Should additional repairs or modifications be required, you must contact this office before proceeding with your project. An inspection of the repairs shall be required and a final inspection of the project must be performed at completion of the project. You may be required to demonstrate the monitoring system at this time.

All inspections shall be requested at a minimum of 48 hours in advance. Should you have questions and or to schedule inspections contact this office at (909) 386-8464 from 8:00 to 5:00.

JAMES E. SMITH, REHS
Office of the Fire Marshal, Hazardous Materials Division

JES/cf

JOHN F. MICHAELSON
County Administrative Officer

JOHN GOSS
Assistant County Administrator
Economic Development and
Public Services Group

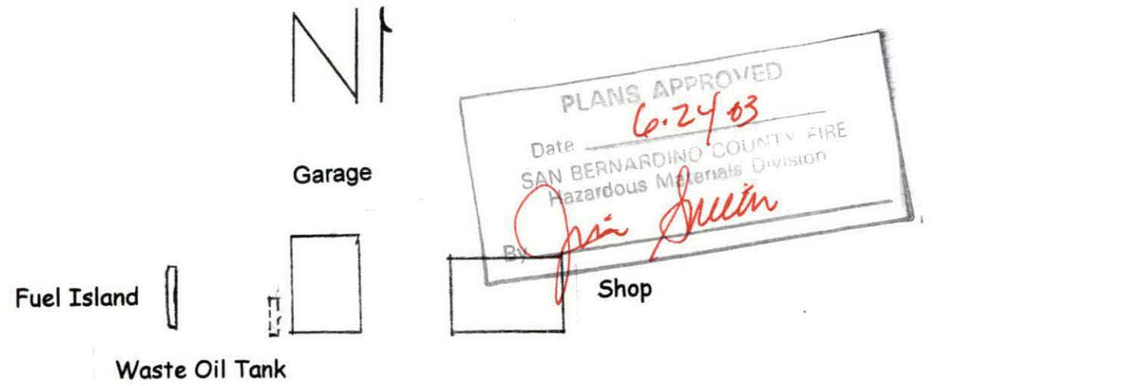
Board of Supervisors
BILL POSTMUS ..... First District
PAUL BIANE ..... Second District
DENNIS HANSBERGER ..... Third District
FRED AGUIAR ..... Fourth District
JERRY EAVES ..... Fifth District

Piping Sump

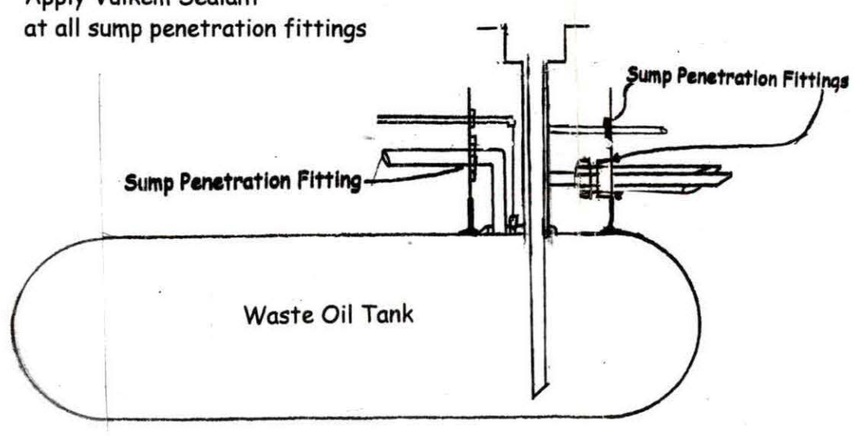
At the sump penetration piping entry points a small amount of leakage was detected during secondary containment testing. Vulkem adhesive sealant shall be used to seal around the penetration fitting to the sump junction. For two conduit entries, one 2" tank vent piping entry and one 3" secondary piping sump entry clean the surfaces of the sump entry fitting and sump wall. Apply a bead of Vulkem sealant at the junction fo the two surfaces to effect a liquid tight seal. Allow proper cure time. Retest per SB989 hydrostatic test protocol to confirm repairs. Contact SBCoFD for final testing.

Materials

Vulkem Sealant Manufactured by Bravo Systems, Inc. as required.



PLANS APPROVED
Date 6.24.03
SAN BERNARDINO COUNTY FIRE
Hazardous Materials Division
By



Project Name:	Secondary Containment Test Repairs	Contractor: Pacific Systems Electric	Date: 3-Jun-03
Location:	Vulcan Materials Company	Address: 38330 Via La Paloma	1 of 1 Rev.
Address:	2400 West Highland Avenue	Murrieta CA 92563	Scale: NTS
	San Bernardino, CA 92407 (909)875-1150	License No: 561275 (909) 677-0704	Drawn By: JDM

Secondary Containment Testing Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials	Date of Testing:	10/14/2002
Facility Address:	2400 W. Highland Avenue, San Bernardino, California		
Facility Contact:	Darryl Charleston	Phone:	909 875-1150
Date Local Agency Was Notified of Testing:	October 8, 2002		
Name of Local Agency Inspector Present:	None		

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric
Technician Conducting Test:	Earl D Jones
Credentials:	☑ CSLB Licensed Contractor ☐ SWRCB Licensed Tank Tester
License Type and #:	A- General Engineering #561275

Training by Manufacturer

Manufacturer	Component(s)	Date Training Expires
Joor	Underground Storage Tank	
Environ	Piping	6/2004

3. SUMMARY OF TEST RESULTS

Number of Tanks Tested:	4*	Number of Piping Runs Tested:	2
Number of Submersible Pump Sumps Tested:	2	Number of UDC Boxes Tested:	3
Number of Fill Sumps Tested:	4	Number of Overfill Boxes Tested:	0

Component	Pass	Fail	Comments
Tank#1 Annular Space	☑	☐	3 compartment tank with 1 common annular space.
Tank #2 Annular Space	☑	☐	
Pipe Run#1 Unleaded	☑	☐	
Pipe Run#2 Red Diesel	☑	☐	
Fill Sump # 1	☑	☐	
Fill Sump #2	☑	☐	
Fill Sump #3	☐	☑	
Fill Sump #4	☑	☐	
	☐	☐	
Submersible Sump #1	☑	☐	
Submersible Sump #2	☑	☐	
	☐	☐	
	☐	☐	
	☐	☐	

Technician's Signature: Earl Jones Date: 10/15/02

4. TANK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Uses:	☐ Pressure	☑ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Measuring Equipment Used for Testing:	4.5" Glycerin filled Vacuum Gauge, Air Driven Venturi Vacuum Pump.		

	Tank # 1 Unleaded	Tank # 2	Tank #
Tank Capacity:	12,000 gal.	20,000 gal.	
Tank Material:	Fiberglass/Steel	Fiberglass/Steel	
Tank Manufacturer:	Joor	Joor	
Product Stored:	Unleaded Fuel	Red Dye Diesel	
Wait time between applying pressure/vacuum/water and starting test:	25 Minutes	30 Minutes	
Test Start Time:	11:45 AM	12:11 PM	
Initial Reading (R_I):	10.0" Hg.	10.0" Hg.	
Test End Time:	2:10 PM		
Final Reading (R_F):	10.0" Hg.	10.0" Hg.	
Test Duration:	2:25		
Change in Reading (R_F–R_I):	+/- 0.00" Hg.	+/- 0.00" Hg.	
Pass/Fail Threshold:	Zero Loss	Zero Loss	
Test Result:	PASSED	PASSED	
Was sensor removed for testing?	Yes	Yes	
Was sensor properly replaced after testing?	Yes	Yes	

Comments – *(include information on repairs made prior to testing)*

Tank#1 is a 3 compartment tank with 12,000 gal. Unleaded, 3500 Gal. Bulk Oil, 4500 Gal. Waste Oil with a Common shared annular space.

Tank#2 is a standard single compartment tank.

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer ☐ Other *(Specify)*	☑ Industry Standard	☐ Professional Engineer
Test Method Uses:	☑ Pressure ☐ Other *(Specify)*	☐ Vacuum	☐ Hydrostatic
Measuring Equipment Used for Testing:	Nitrogen Gas, 4.5" Glycerin filled Pressure Gauge.		

	Piping Run # 1	Piping Run # 2	Piping Run #
Piping Material:	Polypropolene	Polypropolene	
Piping Manufacturer:	Environ	Environ	
Piping Diameter:	2.25"	2.25"	
Length of Piping Run:	52'	34'	
Product Stored:	Unleaded	Red Dye Diesel	
Method and location of piping-run isolation:	Test Fitting secured at Sump and UDC	Test Fitting secured at Sump and UDC	
Wait time between applying pressure/vacuum/water and starting test:	16 Minutes	22 Minutes	
Test Start Time:	1:45 PM	1:41 PM	
Initial Reading (R_I):	5.0 PSI	5.0 PSI	
Test End Time:	2:59 PM	2:58 PM	
Final Reading (R_F):	5.0 PSI	5.0 PSI	
Test Duration:	1:14	1:17	
Change in Reading (R_F-R_I):	+/- 0.00 PSI	+/- 0.00 PSI	
Pass/Fail Threshold:	Zero Loss of Pressure	Zero Loss of Pressure	
Test Result:	PASSED	PASSED	

Comments – *(include information on repairs made prior to testing)*

6. SUBMERSIBLE PUMP CONTAINMENT SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer ☐ Other *(Specify)*	☑ Industry Standard	☐ Professional Engineer
Test Method Uses:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	☑ Hydrostatic
Measuring Equipment Used for Testing:	**INCON TS-STS Sump Test System**		

	Sump # 1 Unleaded	**Sump # 2 Red Diesel**	**Sump #**
Sump Diameter:	42"	42"	
Sump Depth:	40.75"	38.75"	
Sump Material:	Fiberglass	Fiberglass	
Height from Tank Top to Highest Piping Penetration:	17"	14"	
Height from Tank Top to Lowest Electrical Penetration:	18"	18"	
Condition of sump prior to testing:	Good	Good	
Portion of Sump Tested[1]	21"	21"	
Does turbine shut down when sump sensor detects either product or water?	Yes	Yes	
Turbine shutdown response time[2]	2 Seconds	4 Seconds	
Is system programmed for fail-safe shutdown?	Yes	Yes	
Was fail-safe verified to be operational?	Yes	Yes	
Wait time between applying pressure/vacuum/water and starting test:	15 Minutes	15 Minutes	
Test Start Time:	3:50 PM	4:40 PM	
Initial Reading (R_I):	.9813	3.4532	
Test End Time:	4:05 PM	4:55 PM	
Final Reading (R_F):	.9814	3.4532	
Test Duration:	15 Minutes	15 Minutes	
Change in Reading (R_F-R_I):	+ .0001	0.00	
Pass/Fail Threshold:	No Loss > .002"	No Loss > .002"	
Test Result:	PASSED	PASSED	
Was sensor removed for testing?	Yes	Yes	
Was sensor properly replaced after testing?	Yes	Yes	

Comments – *(include information on repairs made prior to testing)*

[1] If the testing method does not test the entire depth of the sump, specify how much of the sump was tested. Methods not testing the entire sump should only be used if the monitoring system provides fail-safe turbine shutdown.

[2] With the submersible pump running, place the sensor in product (discriminating sensors should also be placed in water). The time between placing the sensor in product and the turbine shutting down is the response time. This should be done if the secondary containment testing method used does not test the entire volume of the sump.

7. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer ☐ Other *(Specify)*	☑ Industry Standard	☐ Professional Engineer
Test Method Uses:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	☑Hydrostatic
Measuring Equipment Used for Testing:	**INCON TS-STS Sump Test System**		

	UDC # 1	UDC # 2	UDC # 3
UDC Manufacturer:	Environ	Environ	Environ
UDC Material:	Polypropylene	Polypropylene	Polypropylene
UDC Depth:	29"	28.5"	29"
Height from UDC Bottom to Highest Piping Penetration:	7"	6"	6.5"
Height from UDC Bottom to Lowest Electrical Penetration:	13"	5"	12"
Condition of UDC prior to testing:	Good	Good	Good
Portion of UDC Tested[1]	16"	16"	16"
Does turbine shut down when UDC sensor detects either product or water?	Yes	Yes	Yes
Turbine shutdown response time[2]	3 Seconds	3 Seconds	2 Seconds
Is system programmed for fail-safe shutdown?	Yes	Yes	Yes
Was fail-safe verified to be operational?	Yes	Yes	Yes
Wait time between applying pressure/vacuum/water and starting test:	15 Minutes	15 Minutes	15 Minutes
Test Start Time:	5:42 PM	3:50 PM	2:37 PM
Initial Reading (R_I):	4.5994	7.3824	5.7265
Test End Time:	5:57 PM	4:05	2:52PM
Final Reading (R_F):	4.5994	7.3810	5.7266
Test Duration:	15 Minutes	15 Minutes	15 Minutes
Change in Reading (R_F-R_I):	0.00"	.0014	+.0001
Pass/Fail Threshold:	No Loss >.002 "	No Loss >.002 "	No Loss >.002 "
Test Result:	PASSED	PASSED	PASSED
Was sensor removed for testing?	Yes	Yes	Yes
Was sensor properly replaced after testing?	Yes	Yes	Yes

Comments – *(include information on repairs made prior to testing)*

[1] If the testing method does not test the entire depth of the UDC, specify how much of the UDC was tested. Methods not testing the entire UDC should only be used if the monitoring system provides fail-safe turbine shutdown.

[2] With the submersible pump running, place the sensor in product (discriminating sensors should also be placed in water). The time between placing the sensor in product and the turbine shutting down is the response time. This should be done if the secondary containment testing method used does not test the entire volume of the UDC

8. FILL RISER CONTAINMENT SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Uses:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Measuring Equipment Used for Testing:	**INCON TS-STS Sump Test System**		

	Fill Sump # 4 Bulk Oil	Fill Sump #	Fill Sump #
Sump Diameter:	42"		
Sump Depth:	40.75"		
Height from Tank Top to Highest Piping Penetration:	15"		
Height from Tank Top to Lowest Electrical Penetration:	17"		
Condition of sump prior to testing:	Good		
Portion of Sump Tested	21"		
Sump Material:	Fiberglass		
Wait time between applying pressure/vacuum/water and starting test:	15 Minutes		
Test Start Time:	5:42 PM		
Initial Reading (R_I):	1.7878		
Test End Time:	5:57 PM		
Final Reading (R_F):	1.7876		
Test Duration:	15 Minutes	15 Minutes	15 Minutes
Change in Reading (R_F-R_I):	.0002"		
Pass/Fail Threshold:	No Loss > .002"	No Loss > .002"	No Loss > .002"
Test Result:	PASSED		
Is there a sensor in the sump?	YES		
Does the sensor alarm when either product or water is detected?	YES		
Was sensor removed for testing?	YES		
Was sensor properly replaced after testing?	YES		

Comments – *(include information on repairs made prior to testing)*

8. FILL RISER CONTAINMENT SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer ☐ Other *(Specify)*	☑ Industry Standard	☐ Professional Engineer
Test Method Uses:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	☑ Hydrostatic
Measuring Equipment Used for Testing:	**INCON TS-STS Sump Test System**		

	Fill Sump # 1 Unleaded	Fill Sump # 2 Red Diesel	Fill Sump # 3 Waste Oil
Sump Diameter:	42"	42"	42"
Sump Depth:	41"	40.5"	40.25"
Height from Tank Top to Highest Piping Penetration:	6"	N/A	14"
Height from Tank Top to Lowest Electrical Penetration:	18"	17"	17"
Condition of sump prior to testing:	Good	Good	Good
Portion of Sump Tested	26"	24"	24"
Sump Material:	Fiberglass	Fiberglass	Fiberglass
Wait time between applying pressure/vacuum/water and starting test:	7 Minutes	5 Minutes	5 Minutes
Test Start Time:	11:07 AM	6:22 PM	6:22 PM
Initial Reading (R_I):	2.6351"	1.6161	2.9335
Test End Time:	11:22 AM	6:38 PM	6:38 PM
Final Reading (R_F):	2.6336	1.6161	1.7227
Test Duration:	15 Minutes	15 Minutes	15 Minutes
Change in Reading (R_F-R_I):	0.0015	0.00"	-1.2108"
Pass/Fail Threshold:	No Loss > .002"	No Loss > .002"	No Loss > .002"
Test Result:	PASSED	PASSED	FAILED
Is there a sensor in the sump?	Yes	Yes	Yes
Does the sensor alarm when either product or water is detected?	Yes	Yes	Yes
Was sensor removed for testing?	Yes	Yes	Yes
Was sensor properly replaced after testing?	Yes	Yes	Yes

Comments – *(include information on repairs made prior to testing)*

9. SPILL/OVERFILL CONTAINMENT BOXES

Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Other *(Specify)*	☐ Industry Standard	☐ Professional Engineer
Test Method Uses:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	☐ Hydrostatic
Measuring Equipment Used for Testing:			

	Spill Box #	Spill Box #	Spill Box #
Bucket Diameter:			
Bucket Depth:			
Wait time between applying pressure/vacuum/water and starting test:			
Test Start Time:			
Initial Reading (R_I):			
Test End Time:			
Final Reading (R_F):			
Test Duration:			
Change in Reading (R_F-R_I):			
Pass/Fail Threshold:			
Test Result:			

Comments – *(include information on repairs made prior to testing)*

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
MURRIETA CA 92563
WWW.PACIFICSERVICE.NET
909-677-0704

10/14/2002 5:57 PM

SUMP LEAK TEST REPORT

UMSBDTS
BULK OIL

TEST STARTED	5:42 PM
TEST STARTED	10/14/2002
BEGIN LEVEL	1.7878 IN
END TIME	5:57 PM
END DATE	10/14/2002
END LEVEL	1.7876 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

UMSBUD1

TEST STARTED	5:42 PM
TEST STARTED	10/14/2002
BEGIN LEVEL	4.5994 IN
END TIME	5:57 PM
END DATE	10/14/2002
END LEVEL	4.5994 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
MURRIETA CA 92563
WWW.PACIFICSERVICE.NET
909-677-0704

10/14/2002 6:53 PM

SUMP LEAK TEST REPORT

UMSBOFS

TEST STARTED	6:38 PM
TEST STARTED	10/14/2002
BEGIN LEVEL	1.4650 IN
END TIME	6:53 PM
END DATE	10/14/2002
END LEVEL	0.4605 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	FAILED

UMSBDFS

TEST STARTED	6:38 PM
TEST STARTED	10/14/2002
BEGIN LEVEL	1.6160 IN
END TIME	6:53 PM
END DATE	10/14/2002
END LEVEL	1.6162 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
MURRIETA CA 92563
WWW.PACIFICSERVICE.NET
909-677-0704

10/14/2002 4:05 PM

SUMP LEAK TEST REPORT

UMSBUTS

TEST STARTED	3:50 PM
TEST STARTED	10/14/2002
BEGIN LEVEL	0.9813 IN
END TIME	4:05 PM
END DATE	10/14/2002
END LEVEL	0.9814 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

UMSBUD2

TEST STARTED	3:50 PM
TEST STARTED	10/14/2002
BEGIN LEVEL	7.3824 IN
END TIME	4:05 PM
END DATE	10/14/2002
END LEVEL	7.3810 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
MURRIETA CA 92563
WWW.PACIFICSERVICE.NET
909-677-0704

10/14/2002 2:52 PM

SUMP LEAK TEST REPORT

UMSBUFS

TEST STARTED	2:37 PM
TEST STARTED	10/14/2002
BEGIN LEVEL	4.4657 IN
END TIME	2:52 PM
END DATE	10/14/2002
END LEVEL	4.4641 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

UMSBUD3

TEST STARTED	2:37 PM
TEST STARTED	10/14/2002
BEGIN LEVEL	5.7265 IN
END TIME	2:52 PM
END DATE	10/14/2002
END LEVEL	5.7266 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
MURRIETA CA 92563
WWW.PACIFICSERVICE.NET
909-677-0704

10/14/2002 4:55 PM

SUMP LEAK TEST REPORT

UMSBDTS

TEST STARTED	4:40 PM
TEST STARTED	10/14/2002
BEGIN LEVEL	3.4532 IN
END TIME	4:55 PM
END DATE	10/14/2002
END LEVEL	3.4532 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

FA 1676
~~$600.00~~
(C$: FA 7904)

Vulcan
Materials Company

Western Division

To: Susan Williams (fax # 387-4323)
From: Daryl Charlson
RE: CUPA Report
Date: July 12, 2002
Cc: Tony Varisco

We had an inspection of our underground storage tanks while I was on vacation. In speaking with you on the phone today I wanted to get a better understanding of the violations that were cited on the CUPA report. The following items are in dispute:

1. The validity of the report is in question if the inspector must be present.
2. The problems found on July 1, 2002 were all fixed on July 1, 2002. Prior to the official inspection on July 2, 2002 inspection.
3. There was minimal leakage in the waste oil sump (4gals) where there would be no detrimental damage. The water was removed July 1, 2002.
4. The MLLD's were being replaced when the inspector arrived at the facility.
5. The tanks are at two separate entities, 2400 West Highland and 2350 West Highland.
6. The tank at 2350 W. Highland had the water pumped out on July 1, 2002.
7. The tank at 2350 W. Highland had no operational problems with the visual/audible alarms on July 1, 2002 and was not checked on July 2, 2002.
8. We are preparing to install an overfill prevention device at 2350 W. Highland.
9. The inspector wrote the report from previously written service work orders.

Respectfully Submitted,

Daryl Charlson

Daryl Charlson, Plant Manager

ProTech Petroleum Services, Inc.
Fuel System Maintenance & Testing
1020 N. Batavia Street – Suite F, Orange, CA 92867
800-634-0085 - Fax 714-633-9798

SERVICE WORK ORDER

Service Work Order Number: **1697**

Customer: Vulcan Materials
2400 West Highland
San Bernardino, CA 92405 Fax: (909) 873-0658
Location: Lube Garage

Date Entered: 6/13/02 Date of Service: 7/1/02

Technician: Tom Benson

Bill To:

P.O. Number(Customer): Verbal/Tony V.

Call Type: Annual Certification

Site Contact: Daryl Charlson Phone: (909) 875-1150

Problem: Annual Monitoring Certification

Special Comments:

Scheduled Time: Normal 9:30:00PM

Work Order Complete?: YES ✓ NO ____

System Manufacturer: Veeder Root Model: TLS-350 Serial Number: 90153993205005

Tank #	Product	TLM Probe	Annular Sensor	Fill Sump Sensor	Turbine Sump Sensor	Vapor Sensor	Line Pressure
1	U/L - 12K	✓ 390	✓ 420	✓ 208	✓ 208		
2	Dsl - 20K	✓ 390	✓ 420	✓ 208	✓ 208		
3	M/O - 4K	—	Split tank	✓ 208	High Level 420		
4	W/O - 4K	—	U/L/M/W/O	✓ 208	High Level 420		
	#1 Dsl Disp pan	✓ 208 / #2		Dsl Disp pan	✓ 208 / #3 U/L Disp pan 208		

System Certified ☑ Yes ☐ No | System PSD ☑ Yes ☐ No | System Running ☑ Yes ☐ No | System Sealed ☑ Yes ☐ No | Contract Inspection Quarterly ☐ Semi-Annual ☐

Description of Work Performed: All sumps dry except M/O Fill-Sump Found Approx 4 gal of water/oil – Pumped-out - All Sensors found in proper position. In waste oil sump.
Tested Dsl & U/L Annular sensors, Fill-Sump Sensors & Turbine Sump Sensors. Tested Dispenser #1, #2 & #3 Disp pan sensors. All tested OK. And activated Audible & Visual Alarms & PSD.
Tested W/O & M/O Fill-Sump sensors & High level sensors - All tested OK. ESO, Fail-Safe & Remote Alarm operational. Tested Dsl & U/L MLD's - Both MLD's failed 3.0gph leak test - System

System operating according to manufacturer's specifications upon departure? ☐ Yes ☐ No

Labor			Materials	
Hours		Rate	QTY	Description
REGULAR	4.25			Passes certification inspection.
OVERTIME				Will return to replace & retest MLD's
TRAVEL	1.25	RTS		
MILAGE		RTS		

Customer Signature: [signature] Date: Time: Arrived: 8:15 Departed: 12:30

Revised 9/01

ProTech Petroleum Services, Inc.

Fuel System Maintenance & Testing
1020 N. Batavia Street – Suite F, Orange, CA 92867
800-634-0085 - Fax 714-633-9798

SERVICE WORK ORDER

Service Work Order Number: 1723

Customer: Vulcan Materials - Industrial Asphalt
2350 West Highland Avenue
San Bernardino, CA 92405 Fax: (909) 820-7256
Location.

Date Entered: 6/27/02 Date of Service: 7/1/02

Technician: Tom Benson

Bill To:

P.O. Number(Customer): Verbal/Tony

Call Type: Annual Certification

Site Contact: Andy Meeder Phone: (909) 875-5180

Problem: Annual Monitoring Certification

Special Comments:

Scheduled Time: Normal 12:00:00PM

Work Order Complete?! YES ✓ NO ___

System Manufacturer: Tokan Engineering Model: X76S-A2 Serial Number: 1-1976

Tank #	Product	TLM Probe	Annular Sensor	Fill Sump Sensor	Turbine Sump Sensor	Vapor Sensor	Line Pressure
1	Dsl		L-53		L-73		

System Certified ☐ Yes ☐ No | System PSD ☐ Yes ☑ No | System Running ☐ Yes ☐ No | System Sealed ☐ Yes ☐ No | Contract Inspection Quarterly ☐ Semi-Annual ☐

Description of Work Performed: Channel 1 (Piping Sump Sensor) in Alarm upon Arrival Pumped approx. 30 gal of water out Sump. Pumped out into barrell. July 1, 2002 Tested Annular & P. Sump Sensor. Both tested ok And activated Audible & Visual Alarms. Put on full Productum Valve on Sump - Line will Tank is empty and will Promptly Test. Mixed

Explain Any Corrections Not Performed

System operating according to manufacturer's specifications upon departure? ☑ Yes ☐ No

Labor			Materials		
Hours		Rate	QTY		Description
REGULAR	1.5				
OVERTIME					
TRAVEL		RTS			
MILAGE		RTS			

Customer Signature	Date	Time	Arrived	Departed
			12:30	2

Revised 9/01

CUPA
San Bernardino County Fire Department
HAZARDOUS MATERIALS DIVISION • FIELD SERVICES/ENVIRONMENTAL PROTECTION
385 North Arrowhead Avenue, Second Floor, San Bernardino, CA 92415-0153 • (909) 387-3080 Fax (909) 387-4323

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name Vulcan Date July 02, 2002
Street Address 2400 W. Highland Ave (2350) Est. No. 86x0858
City San Bernardino CA Zip Code 92405 Number of Tanks 4
Facility Contact Daryl Charlson Andy Alcedo Facility Phone No. 875-1150 875-5180 Number of Employees

Refer to Title 23 of the California Code of Regulations (CCR), Chapter 6.7 of the Health and Safety Code (CHSC). The following Code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
301. UST permits obtained	CHSC 25284(a)		✓	
302. UST permit fees paid and current	CHSC 25287(a)		✓	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286 (a)		✓	
304. UST monitoring/maintenance records available for 3 years	CCR 2712(b)		✓	
305. Prior UST violations corrected within 30 days	CCR 2712(f)	✓		
306. Owner/Operator Agreement available	CHSC 25284 (a)(3)(A)		✓	
307. Certification of Financial Responsibility submitted	CCR 2809		✓	
308. Failure to report change of ownership within 30 days	CHSC 25284(c)		✓	
309. Failure to properly monitor UST System	CHSC 25293	✓		
310. Business Plan established and implemented	CHSC 25503.5		✓	
311. Business Plan submitted/updated	CHSC 25505		✓	
Monitoring in General:				
315. Leak Detection/Monitoring and Response Plan available	CCR 2641			/
316. Required UST precision tests conducted	CCR 2640 et. seq.			/
317. Monitoring devices maintained annually	CCR 2641(j)			/
Piping:				/
320. Pressurized piping tested annually	CHSC 25292(e)			/
321. In-line leak detector installed on pressurized piping	CHSC 25292(e)			/
322. Suction piping tested every 3 years	CCR 2643(d)			/
Inventory Reconciliation for Single Wall USTs:				
325. Monthly inventory reconciliation performed and available (ATG)	CCR 2646(a)			/
326. Dispenser meters maintained annually	CCR 2641(j)			/
Spill/Overfill:				
330. Leak Detection/Monitoring and Response Plan available	CCR 2632		✓	
331. Monitoring systems maintained annually	CCR 2630(d)		✓	
332. Pressurized piping monitored/tested	CCR 2636		✓	
333. Overfill/spill protection installed	CHSC 25291(c)	✓		
334. Visual/audible alarms operational	CCR 2632(c)(2)(B)	✓		
Operation and Maintenance:				
340. UST system operated to prevent unauthorized	CHSC 25292.1(a)	✓		
341. Failure to report unauthorized release	CHSC 25299(d)(1)			✓
342. Unlawful abandonment of USTs	CHSC 25298(a)			✓
343. Unlawful closure of USTs	CHSC 25298(c)			✓
344. Failure to properly close USTs	CHSC 25298(b)			✓
346. Failure to upgrade or replace UST to prevent releases	CHSC 25292(d)			✓
347. Unlawful deposit of petroleum into a noncompliant UST	CHSC 25292.3			✓
Protech Petroleum Services Inc Tom Ericson				
CA Certificate #:				

Kamaus present on July 02, 2002 for monitoring certification conducted on both systems at 2400 and 2350 W Highland Ave San Bernardino CA 92405.

Today's inspection was set to verify 2 - MLLD that failed on 7-1-02 were replaced and have passed with

Per contractor's inspection report from day before 4 gallons of water was found in Waste oil Sump (this was pumped out) Also Piping Sump at 2350 W. Highland was filled with 30 gallons of water in Sump. No overfill prevention on dispenser pans and tanks Sumps a Continued violation Exist on this Site water was removed at both locations

✓ **NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

Inspector Craig A. Received By Title Plant Clerk

15-19274-870 Rev. 8/00

DISTRIBUTION: White – File Copy; Canary – Facility Copy; Pink – Inspector

Vulcan
Materials Company
Western Division
San Bernardino, CA.
Fax Cover Sheet

To: Susan Williams Fax: 909 876-3934

From: DARYL CHARLSON.SBD Date: July 12th, 2002

RE: CUPA Inspection Pages Including Cover: 5

Copy Urgent ____	For Review ✓	Please Reply ____	Hard to Follow ____

Notes: Thanks for the help.

2400 W. Highland Avenue, San Bernardino, CA. 92407 Telephone 909-875-1150 Fax 909-873-0658

CUPA
San Bernardino County Fire Department
HAZARDOUS MATERIALS DIVISION • FIELD SERVICES/ENVIRONMENTAL PROTECTION
385 North Arrowhead Avenue, Second Floor, San Bernardino, CA 92415-0153 • (909) 387-3080 Fax (909) 387-4323

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan — Date: July 02, 2002
Street Address: 2400 W. Highland Ave (2350) — Est. No. 860089958
City: San Bernardino — CA — Zip Code: 92405 — Number of Tanks: 4
Facility Contact: Daryl Chorleson, Andy Meeder — Facility Phone No.: 875-1150, 875-5180 — Number of Employees:

Refer to Title 23 of the California Code of Regulations (CCR), Chapter 6.7 of the Health and Safety Code (CHSC). The following Code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
301. UST permits obtained	CHSC 25284(a)		✓	
302. UST permit fees paid and current	CHSC 25287(a)		✓	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286 (a)		✓	
304. UST monitoring/maintenance records available for 3 years	CCR 2712(b)		✓	
(305.) Prior UST violations corrected within 30 days	CCR 2712(f)	✓		
306. Owner/Operator Agreement available	CHSC 25284 (a)(3)(A)		✓	
307. Certification of Financial Responsibility submitted	CCR 2809		✓	
308. Failure to report change of ownership within 30 days	CHSC 25284(c)		✓	
(309.) Failure to properly monitor UST System	CHSC 25293	✓		
310. Business Plan established and implemented	CHSC 25503.5		✓	
311. Business Plan submitted/updated	CHSC 25505		✓	
MONITORING OF EXISTING UST SYSTEM (PRE 1984)				
Monitoring in General:				
315. Leak Detection/Monitoring and Response Plan available	CCR 2641			
316. Required UST precision tests conducted	CCR 2640 et. seq.			
317. Monitoring devices maintained annually	CCR 2641(j)			
Piping:				
320. Pressurized piping tested annually	CHSC 25292(e)			
321. In-line leak detector installed on pressurized piping	CHSC 25292(e)			
322. Suction piping tested every 3 years	CCR 2643(d)			
Inventory Reconciliation for Single Wall USTs:				
325. Monthly inventory reconciliation performed and available (ATG)	CCR 2646(a)			
326. Dispenser meters maintained annually	CCR 2641(j)			
MONITORING OF NEW UST SYSTEMS (1984 to Present)				
330. Leak Detection/Monitoring and Response Plan available	CCR 2632		✓	
331. Monitoring systems maintained annually	CCR 2630(d)		✓	
332. Pressurized piping monitored/tested	CCR 2636		✓	
(333.) Overfill/spill protection installed	CHSC 25291(c)	✓		
(334.) Visual/audible alarms operational	CCR 2632(c)(2)(B)	✓		
UNAUTHORIZED RELEASES AND ABANDONMENTS				
(340.) UST system operated to prevent unauthorized	CHSC 25292.1(a)	✓		
341. Failure to report unauthorized release	CHSC 25299(d)(1)			✓
342. Unlawful abandonment of USTs	CHSC 25298(a)			✓
343. Unlawful closure of USTs	CHSC 25298(c)			✓
344. Failure to properly close USTs	CHSC 25298(b)			✓
346. Failure to upgrade or replace UST to prevent releases	CHSC 25292(d)			✓
347. Unlawful deposit of petroleum into a noncompliant UST	CHSC 25292.3			✓
Protech Petroleum Services inc Tom Benson				
CA Certificate #:				

NARRATIVE/CORRECTIONS

Knowone present on July 01, 2002 For monitoring certification conducted on both systems at 2400 and 2350 W. Highland Ave SAN Bernardino CA 92405.

Todays inspection was set to verify 2-MLLD that Failed on 7-1-02 were replaced and Now passed verified

Per contractors inspection report From day before 4 gallons of water was Found in WASte oil Sump (this was pumped out) Also Piping sump at 2350 W. Highland was Filled with 30 gallons of water in Sump. No overFill prevention on drop tube. Property monager has been Notified that it is a violation to have water in dispensor pans and tanks Sumps a Continued Violation Exist on this site water was removed at both locations

☒ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector: Craig A. — Received By: — Title: Plant Clerk

15-19274-670 Rev. 8/00

DISTRIBUTION: White – File Copy; Canary – Facility Copy; Pink – Inspector

ProTech Petroleum Services, Inc.

Fuel System Maintenance & Testing
1020 N. Batavia Street – Suite F, Orange, CA 92867
800-634-0085 - Fax 714-633-9798

SERVICE WORK ORDER

Service Work Order Number: 1697

Customer: Vulcan Materials
2400 West Highland
San Bernardino, CA 92405 Fax: (909) 873-0658
Location: Lube Garage

Date Entered: 6/13/02 Date of Service: 7/1/02

Technician: Tom Benson

Bill To:

P.O. Number(Customer): Verbal/Tony V.

Call Type: Annual Certification

Site Contact: Daryl Charleson Phone: (909) 875-1150

Problem: Annual Monitoring Certification

Special Comments:

Scheduled Time: Normal 9:30:00PM

Work Order Complete?: YES ✓ NO ___

System Manufacturer: Veeder Root Model: TLS-350 Serial Number: 30153993205005

Tank #	Product	TLM Probe	Annular Sensor	Fill Sump Sensor	Turbine Sump Sensor	Vapor Sensor	Line Pressure
1	U/L - 12K	✓ 390	✓ 420	✓ 208	✓ 208		
2	Dsl - 20K	✓ 390	✓ 420	✓ 208	✓ 208		
3	M/O - 4K	—	7 split tank	✓ 208	High Level 420		
4	W/O 4K	—	5 U/L/M/W/O	✓ 208	High Level 420		
	HIDsl Disp pan	✓ 208 / #2	Dsl Disp pan	✓ 208 / #1	#3 U/L Disp pan 208		

System Certified ☑ Yes ☐ No | System PSD ☑ Yes ☐ No | System Running ☑ Yes ☐ No | System Sealed ☑ Yes ☐ No | Contract Inspection Quarterly ☐ Semi-Annual ☐

Description of Work Performed: All sumps dry except M/O FW-Sump. Found approx 4 gal of water/oil - Pumped out - All Sensors found in proper position.
Tested Dsl & U/L Annular sensors, FW-Sump sensors & Turbine Sump sensors. Tested Dispensers #1, #2 & #3 Disp pan sensors. All tested ok And activated Audible & Visual Alarms + PSD.
Tested W/O & M/O FW-Sump sensors & High Level sensor - All tested OK. ESO, Fail-Safe & Remote Alarm operational. Tested Dsl & U/L MLD's - Both MLD's failed 3.0gph leak test. - System

System operating according to manufacturer's specifications upon departure? ☐ Yes ☐ No

Labor			Materials	
Hours		Rate	QTY	Description
REGULAR	4.25		1	Passes certification inspection.
OVERTIME				Will return to replace a failed MLD's
TRAVEL	1.25	RTS		
MILAGE		RTS		

Customer Signature	Date	Time	Arrived	Departed
[signature]			8:15	12:30

Revised 9/01

CUPA
San Bernardino County Fire Departme
HAZARDOUS MATERIALS DIVISION • FIELD SERVICES/ENVIRONMENTAL PROTECTION
385 North Arrowhead Avenue, Second Floor, San Bernardino, CA 92415-0153 • (909) 387-3080 Fax (909) 387-4323

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name Cal Mat Co / Vulcan Materials Co. 2400 (3 USTs) Date 10-11-01
Street Address 2400 W. Highland Ave. 2350 (1 UST) Est. No. 8600895A
City San Bernardino Zip Code Number of Tanks 4
Facility Contact Andy Meeder / Foreman Facility Phone No. 875-5180 Number of Employees 3

Refer to Title 23 of the California Code of Regulations (CCR), Chapter 6.7 of the Health and Safety Code (CHSC). The following Code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
301. UST permits obtained	CHSC 25284(a)		X	
302. UST permit fees paid and current	CHSC 25287(a)		X	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286 (a)		X	
304. UST monitoring/maintenance records available for 3 years	CCR 2712(b)		X	
305. Prior UST violations corrected within 30 days	CCR 2712(f)			X
306. Owner/Operator Agreement available	CHSC 25284 (a)(3)(A)		X	
307. Certification of Financial Responsibility submitted	CCR 2809		X	
308. Failure to report change of ownership within 30 days	CHSC 25284(c)		X	
309. Failure to properly monitor UST System	CHSC 25293		X	
310. Business Plan established and implemented	CHSC 25503.5		X	
311. Business Plan submitted/updated	CHSC 25505		X	
MONITORING OF EXISTING UST SYSTEM (PRE 1984)				
Monitoring in General:				
315. Leak Detection/Monitoring and Response Plan available	CCR 2641			
316. Required UST precision tests conducted	CCR 2640 et. seq.			
317. Monitoring devices maintained annually	CCR 2641(j)			
Piping:				
320. Pressurized piping tested annually	CHSC 25292(e)			
321. In-line leak detector installed on pressurized piping	CHSC 25292(e)			
322. Suction piping tested every 3 years	CCR 2643(d)			
Inventory Reconciliation for Single Wall USTs:				
325. Monthly inventory reconciliation performed and available (ATG)	CCR 2646(a)			
326. Dispenser meters maintained annually	CCR 2641(j)			
MONITORING OF NEW UST SYSTEMS (1984 to Present)				
330. Leak Detection/Monitoring and Response Plan available	CCR 2632		X	
331. Monitoring systems maintained annually	CCR 2630(d)		X	
332. Pressurized piping monitored/tested	CCR 2636		X	
333. Overfill/spill protection installed (UST unused)	CHSC 25291(c)	X		
334. Visual/audible alarms operational	CCR 2632(c)(2)(B)		X	
UNAUTHORIZED RELEASES AND ABANDONMENTS				
340. UST system operated to prevent unauthorized	CHSC 25292.1(a)		X	
341. Failure to report unauthorized release	CHSC 25299(d)(1)			X
342. Unlawful abandonment of USTs	CHSC 25298(a)			X
343. Unlawful closure of USTs	CHSC 25298(c)			X
344. Failure to properly close USTs	CHSC 25298(b)	X		
346. Failure to upgrade or replace UST to prevent releases	CHSC 25292(d)			X
347. Unlawful deposit of petroleum into a noncompliant UST	CHSC 25292.3			X

CA Certificate #: 16746

NARRATIVE/CORRECTIONS

Annual UST facility inspection and UST Monitoring System Certification inspection. Facility inspection conducted with Andy Meeder / Foreman. The UST Monitoring System Certification was conducted with a technician from ProTech.
One UST was tested & certified at 2350 W. Highland, the other 3 USTs are west of this tank at 2400 W. Highland Ave. and were certified approx. 3-4 months ago with Inspector Craig Stephens on site.

Violations:
1) Failure to properly close UST (UST not used for 4 to 5 years)

Corrections required:
1) Remove unused UST as per State Law.

X NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector Curtis Armstrong ~~HS III~~ Received By Sent by Certified mail to: Andy Meeder Vulcan Materials Co. Title Foreman

15-19274-670 Rev. 8/00 DISTRIBUTION: White – File Copy; Canary – Facility Copy; Pink – Inspector

Contractor: ProTech / Darryl (714) 633-9797

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
UNDERGROUND STORAGE TANK SECTION

Annual UST/Piping/Monitoring System Certification Joint Inspection

BP. Sub but not Approved no other concrete cert @ same Address Chaparral

Facility name Vulcan Material Co. Cal Mat Div. Date 10-11-01

Establishment number 86008958 UST Size/Contents #2 diesel

Facility address 2400 W. Highland Ave # of UST's 4 (1 today)

San Bernardino California Certificate # 16746

Pressure System ☐ Suction System ☒ (Tank not used for 4-5 years but monitored) HANDLER/GEN. spec, 26-50 employees. NO inspection

Double Wall USTs ☒ Single Wall Fiberglass UST ☐

Double Wall Product Piping ☒ Single Wall Fiberglass Piping ☐

~~Turbine Sump~~ CHSC 25292.1(a): piping sump one UST inspected today other 3 USTs tested ~3 months ago (Craig Stephens) inspector

1. Yes ☒ No ☐ Is the sump free of liquid and debris?
   Yes ☐ No ☐ If not, was liquid or debris removed?
2. Yes ☒ No ☐ Do sumps and penetration fittings appear to be sound and liquid tight?
   Yes ☐ No ☐ If not, was sump and/or penetration fittings repaired and hydrostatically tested for 24 hours?
3. Yes ☒ No ☐ Is the sensor located in the low area of the sump and 1" or less from the UST top?
   Yes ☐ No ☐ If not, was the sensor moved to the proper location?
4. Yes ☒ No ☐ Is the sensor compatible with the monitoring system? (Must be liquid sensor)
   Yes ☐ No ☐ If not, was the correct sensor installed?
5. Yes ☐ No ☒ Does the sensor shut down the turbine (or dispenser pump on suction * systems)? no turbine / alarm OK
   Yes ☐ No ☐ If not, was the sensor replaced or the problem corrected?
6. Yes ☐ No ☒ Are there Line Leak Detectors on the turbine heads? Do the LLD's shut down product flow when a line leak is simulated? Do mechanical LLD's restrict product flow to dispenser when a line leak is simulated? *Single wall FRP piping must have <u>Electronic</u> Line Leak Detectors.*
   Yes ☐ No ☐ If not, was the LLD replaced or repaired for correct operation?
7. Yes ☒ No ☐ Are manway covers sound with gaskets and properly bolted down?
   Yes ☐ No ☐ If not, were they repaired?
8. Yes ☒ No ☐ Are the test boots disconnected from the secondary product piping?

4 Asphalt USTs on site?

Andy Meeder / Foreman 909 875-5180 Emp 3 @ Vulcan

Fill Sump CHSC 25292.1(a) NO fill sump

1. Yes ☐ No ☐ Is the sump free of liquid and debris?
   Yes ☐ No ☐ If not, was the liquid or debris removed?

2. Yes ☐ No ☐ Does the sump appear to be sound and liquid tight?
   Yes ☐ No ☐ If not, was the sump repaired and hydrostatically tested for 24 hours?

3. Yes ☐ No ☐ Is the sensor located in the low area of the sump and 1" or less from the sump bottom?
   Yes ☐ No ☐ If not, was the sensor moved to the proper location?

4. Yes ☐ No ☑ Is the sensor compatible with the monitoring system? (Must be liquid sensor)
   Yes ☐ No ☐ If not, was the correct sensor installed?

5. Yes ☑ No ☐ Does the sensor shut down the turbine (or dispenser pump on suction systems)?
   Yes ☐ No ☐ If not, was the sensor replaced to correct the problem?

6. Yes ☐ No ☐ Are manway covers sound with gaskets and properly bolted down?
   Yes ☐ No ☐ If not, were they repair as needed?

7. Yes ☐ No ☒ Do the drop tubes have overfill protection or is an overfill alarm present? UST not used for 4-5 yrs
   Yes ☐ No ☐ If not, was overfill protection installed in drop tubes or overfill alarm installed?

8. Yes ☒ No ☐ Are the fill and vapor recovery spill buckets intact and liquid tight?
   Yes ☐ No ☐ If not, were they repaired or replaced?

9. Yes ☒ No ☐ Do the spill bucket drains function properly?
   Yes ☐ No ☐ If not, were they repaired or replaced?

Annular Space: (Double Wall UST's) CCR Title 23

1. Yes ☒ No ☐ Are annular space sensors present?
   Yes ☐ No ☐ If not, were sensors installed?

2. Yes ☒ No ☐ Are the sensors compatible with the monitoring system?
   Yes ☐ No ☐ If not, were the correct sensors installed?

3. Yes ☐ No ☒ Do the sensors shut down the turbine? alarm only
   Yes ☐ No ☐ If not, were the sensor(s) replaced?
   - *Suction system sensors must shut down the dispenser pump.*

Fiber Trench:

1. Yes ☐ No ☒ Is fiber trench present?

2. Yes ☐ No ☐ Does the fiber trench sensor shut down the turbine if fuel is present? (at the sensor low liquid level)

3. Yes ☐ No ☐ Does the fiber trench sensor shut down the turbine if water is present? (at the sensor high liquid level)

4. Yes ☐ No ☐ Does the fiber trench sensor set off warning alarm on monitor if water is present at sensor low level?

Dispenser Containment: CCR 2662(b) Deep ☐ Shallow ☐

NONE

1. Yes ☐ No ☐ Are dispenser pans present?

2. Yes ☐ No ☐ Are dispenser pans free of liquid and debris?
   Yes ☐ No ☐ If not, was the liquid and/or debris removed?

3. Yes ☐ No ☐ Are product shear valves present?
   Yes ☐ No ☐ If not, were product shear valves installed?

4. Yes ☐ No ☐ Are vapor recovery shear valves present? (Required UFC Article 52 Sec. 5202.13.2.4)
   Yes ☐ No ☐ If not, were VC shear valves installed?

5. Yes ☐ No ☐ Are the shear valve bracket bolts/nuts present and tight?
   Yes ☐ No ☐ If not, were bolts/nuts installed and/or tightened?

6. Yes ☐ No ☐ Is the dispenser plumbing free of fuel leaks?
   Yes ☐ No ☐ If not, were fuel leaks repaired?

7. Yes ☐ No ☒ Is a float with chain attached to the shear valve or electronic sensor present to shut down the dispenser and/or turbine if liquid is present?
   Yes ☐ No ☐ If not, was an appropriate shut off device installed?

8. Yes ☒ No ☐ Do existing floats or electronic sensors shut off product flow (shear valve___, dispenser electronics_____ or turbine____)?
   Yes ☐ No ☐ If not, were repairs conducted to ensure product shutdown in the event of liquid intrusion?

9. Yes ☐ No ☐ If dispenser containment is <u>not</u> present is metal product piping free of contact with the backfill materials?

UST Electronic Monitoring System CHSC 25291(a)(b)

1. Brand and model of monitoring system? Ronan X765

2. Yes ☐ No ☒ Does the monitor have a printer?

3. Yes ☒ No ☐ Is the alarm both audible and visual?
   Yes ☐ No ☐ If not, was the system repaired or replaced for proper function?

4. Yes ☐ No ☒ Does the monitor shut down the turbines (suction system) in the event of a leak?
   Yes ☐ No ☐ If not, was the system repaired to meet the manufactures and regulatory requirements?

   ** All sensors (sumps, annular space, fiber trench, dispenser pan) must shut down the turbines in the event of any liquid intrusion (water, fuel, etc).*

5. Yes ☐ No ☒ Is leak or alarm history available?

   Yes ☐ No ☐ If so, attach a copy to this report.

Waste Oil UST:

☐ Double Wall ☐ Single Wall (not allowed)

1. Yes ☐ No ☐ Is an annular space sensor present?
   Yes ☐ No ☐ If not was an appropriate sensor installed?
2. Yes ☐ No ☐ Does the UST have a fill sump? (required)
3. Yes ☐ No ☐ Is an overfill alarm present? (required)

Facility:

1. Yes ☐ No ☐ Does the emergency shut off switch terminate product flow to the dispenser? UFC Article 52 Sec 5201.5.3
2. Yes ☐ No ☐ Is the ESO within 100 feet, but not less than 20 feet from dispensers?
3. Yes ☐ No ☐ Are fire extinguishers present and serviced within the last 12 months? They must have a minimum rating of 2-A, 20-B:C and be located within 75 feet from any sump, dispenser or fill –pipe opening. (Sec 5202.9)
4. Yes ☐ No ☐ Are signs indicating the location of the fire extinguishers present?
5. Yes ☐ No ☒ Is the facility address displayed to be visible from the address street?
6. Yes ☒ No ☐ Are UST vent pipe openings at least 12' above grade, at least 2' above the Roof peak and greater than 5' from any electrical source (lighting, etc.)? Sec. 5202.13.3.9
7. Yes ☐ No ☐ Are "Breakaway Devices" installed on dispenser hoses? Sec. 5202.4.3.2
8. Yes ☐ No ☐ Do "Automatic Tank Gauges" (ATGs) conduct monthly volumetric test (for single wall USTs)? CCR Title 23, Article 4, Sec. 2643
9. Yes ☐ No ☐ Are ATGs certified annually?
10. Yes ☐ No ☐ Are the facility's UST permits current? Expiration date _____.
11. Yes ☒ No ☐ Does the facility have a Business Plan? Last update 2-8-01.
    Yes ☒ No ☐ Is the Business Plan current?
12. Yes ☒ No ☐ Does the facility have a Certificate of Financial Responsibility?

Inspector Signature _____ Date _____

Contractor signature _____ Date _____

CUPA

San Bernardino County Fire Department

HAZARDOUS MATERIALS DIVISION • FIELD SERVICES/ENVIRONMENTAL PROTECTION

385 N. Arrowhead Ave, 2nd Floor, San Bernardino, CA 92415-0153 • (909) 387-3080 FAX (909) 387-4323

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Date: 5-30-01 for 5-29-01

Street Address: 2400 W. Highland Ave Est. No: 96008958

City: San Bernardino CA Zip Code: 92407 Number of Tanks: 4

Facility Contact: Daryl Charlson Facility Phone No. 875-1150 Number of Employees: —

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
301. UST permits obtained	CHSC 25284(a)		/	
302. UST permit fees paid and current	CHSC 25287(a)		/	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)		/	
304. UST monitoring/maintenance records available for 3 years	CCR 2712(b)		/	
305. Prior UST violations corrected within 30 days	CCR 2712(f)		/	
306. Owner-operator agreement available	CHSC 25284(a)(3)(A)		/	
307. Certification of Financial Responsibility submitted	CHSC 25292.2(a)		/	
308. Failure to report change of ownership within 30 days	CCR 2712(d)		/	
309. Failure to properly monitor UST	CHSC 25293	/		
310. Business Plan established and implemented	CHSC 25503.5		/	
311. Business Plan submitted/updated	CHSC 25505		/	
MONITORING OF EXISTING UST SYSTEM (Pre 1984)				
Monitoring in General -				
315. Leak Detection/Monitoring and Response Plan available	CCR 2641			
316. Annual UST precision tests conducted	CHSC 25292(b)			
317. Monitoring devices maintained annually	CCR 2641(j)			
Piping -				
320. Pressurized piping tested annually	CHSC 25292(e)			
321. In-line leak detector installed on pressurized piping	CHSC 25292(e)			
322. Suction piping tested every 3 years	CCR 2643(d)			
Inventory Reconciliation for Single Wall USTs -				
325. Monthly inventory reconciliation performed and available	CCR			
326. Dispenser meters calibrated annually	CCR 2646(l)			
MONITORING OF NEW UST SYSTEMS (1984 to Present)				
330. Leak Detection/Monitoring and Response Plan available	CCR 2632		/	
331. Monitoring systems certified annually	CCR 2630(d)		/	
332. Pressurized piping maintained/tested	CCR 2636(f)	/		
333. Overfill/spill protection installed	CHSC 25291(c)			
334. Visual/audible alarms operational	CCR 2632(c)(2)			
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized	CHSC 25292.1(a)			
341. Failure to report/record unauthorized release	CCR 2650			
342. Unlawful abandonment of USTs	CHSC 25298(a)			
343. Unlawful closure of USTs	CHSC 25298(c)			
344. Failure to properly temporarily close USTs	CHSC 25298(b)			
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)			
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3			

NARRATIVE / CORRECTIONS

3rd Party inspection of Facility with 4 underground Storage tanks 1-20K diesal, 1-12K gas, 1-3500 gallon bulk oil, 1-4500 gallon Waste oil. Piping is D/W Environ Flex Dispenser Sumps Environ with TLS-350 VeederRoot monitoring Panel

The following violations must be corrected within 30 days;

Submit required documentation with the signed original copy of the Certificate of Compliance:

CA. Certificate #: 16746

x NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN _____ DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector: Craig A Taylor Received by: _____ Title: Plant manager

PHOTO NARRATIVE

PHOTO 1



PHOTO 2



Facility/Case Name: Vulcon Address: 2400 W. Highland Ave SB

1) Description: Note Diesel and water level ring on Side of Sump and 208 Sensor tied up in wash Bay to keep positive Shut down From occurring

2) Description: Closeup picture OF Sensor tied up

Date Taken: 5-[illegible]-01

Taken By: Craig Stephens Signature: Craig Stephens

PHOTO NARRATIVE

PHOTO 1



PHOTO 2



Facility/Case Name: Vulcan Address: 2400 W. Highland Ave SB

1) Description: Sludge in bottom of diesel Fill

2) Description: Sensor fred up in the Second turbine Sump

Date Taken: 5-29-01

Taken By: Craig Stephens Signature: Craig Stephens

PHOTO NARRATIVE

PHOTO 1



PHOTO 2



Facility/Case Name: Vulcan Address: 2400 W Highland Ave SB

1) Description: Fill end of diesal tank 3"-4" of diesal and water sensor lifted so positive shut down doesnt occur

2) Description: Turbine sump with sensor in the center of sump instead of on the sides

Date Taken: 5-29-01

Taken By: Craig Stephens Signature: Craig Stephens

PHOTO NARRATIV

PHOTO 1



PHOTO 2



Facility/Case Name: Vulcan Address: 2400 W. Highland Ave

1) Description: Waste oil Sump after 5 gallons of w/o SB Sucked out Fill Bucket was Full and

2) Description: Sensor lifted Other End of w/o tank 4 gallons of waste Pumped out

Date Taken: 5-29-01

Taken By: Craig Stephens Signature: Craig Stephens

PHOTO NARRATIVE

PHOTO 1

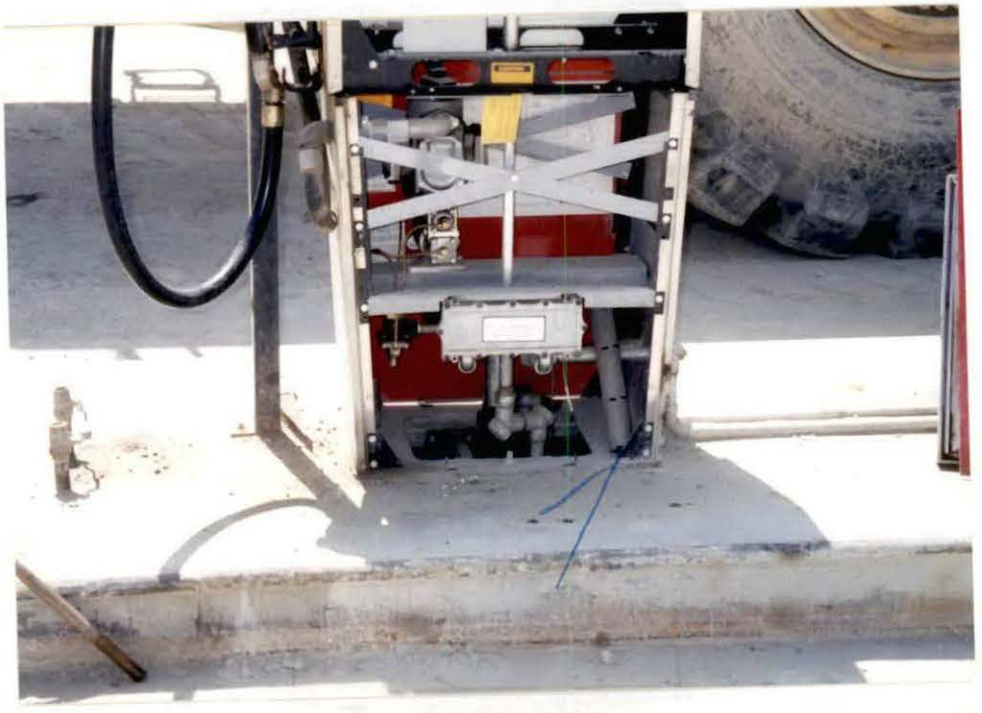
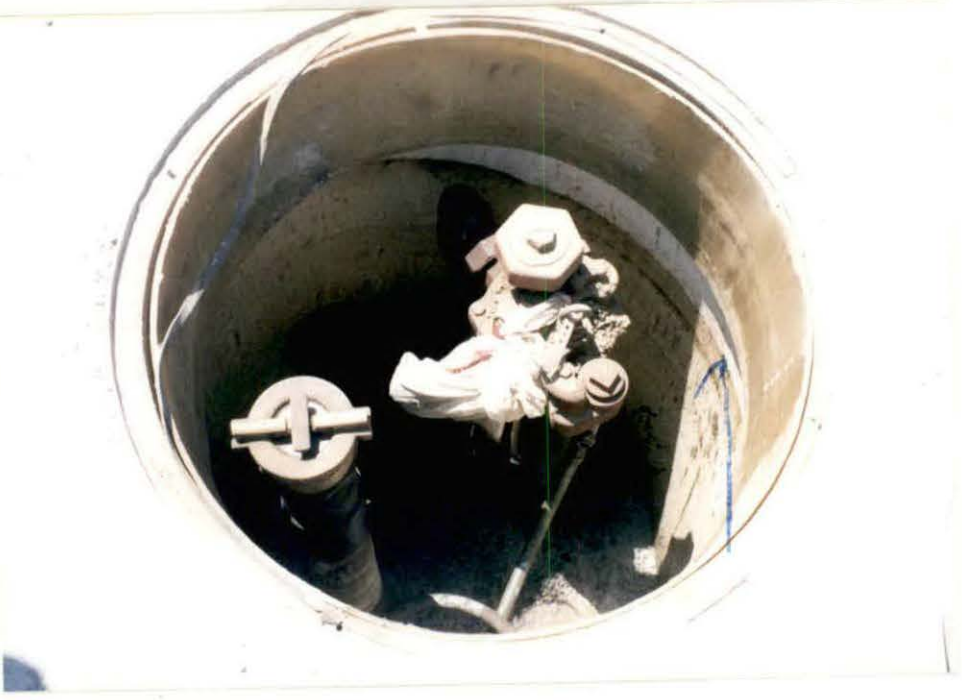


PHOTO 2



Facility/Case Name: Vulcan Address: 2400 W. Highland Ave SB

1) Description: dispensor has diesel 4"-5" deep with sensor being lifted so positive shut down would not occur

2) Description: Gas function sensor lifted no waste at this time

Date Taken: 5-29-01

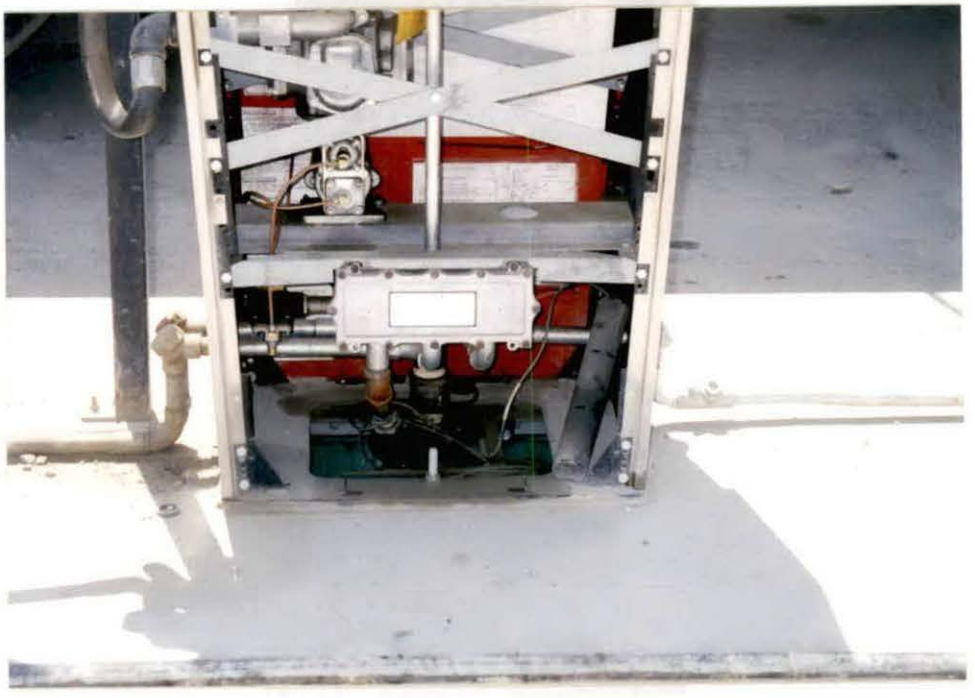
Taken By: Craig Stephens Signature: Craig Stephens

PHOTO NARRATIVE

PHOTO 1



PHOTO 2



Facility/Case Name: Vulcon Address: 2400 W. Highland Ave SB

1) Description: dual dispensor has 4" of waste underneath it

2) Description: Some dispensor notice when cover plate was left off Sensor was lifted to not allow positive Shut down

Date Taken: 5-29-01

Taken By: Craig Stephens Signature: Craig Stephens

PHOTO NARRATIVE

PHOTO 1



PHOTO 2



Facility/Case Name: Vulcan Address: 2400 W. Highland Ave SB

1) Description: Hazardous waste sticker showing when waste picked up 5-23-01 before inspection

2) Description: notice staining and discoloration on fill port for waste oil

Date Taken: 5-29-01

Taken By: Craig Stephens Signature: Craig Stephens

PHOTO NARRATIVE

PHOTO 1



PHOTO 2



Facility/Case Name: Vulcon Address: 2900 W. Highland Ave SB

1) Description: Showing UST System and equipment drawing over lids

2) Description: Picture of hoses with no Breakaways

Date Taken: 5-29-01

Taken By: Craig Stephens Signature: Craig Stephens

INSPECTOR

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION
UNDERGROUND STORAGE TANK SECTION

- RETAIL FUEL SALES ONLY -

Facility name Vulcan Number of tanks 4

Address 2400 W. Highland Ave San Bernardino CA 92407 Establishment # 86008958

Date 5/29/2001 & 5/30/2001

Annual UST/Monitoring System/Facility Inspection:

1. Yes ☑ No ☐ Vehicle Repair

Drawing on Back of report

2. Yes ☐ No ☑ Mini-Mart

3. ☐ Suction System ☑ Pressure System

4. Yes ☑ No ☐ Facility address displayed and visible from addressed street?

5. Yes ☑ No ☐ Fire extinguisher location signs present and visible from all dispenser islands?

Environ dispenser pans

6. Yes ☑ No ☐ Fire extinguishers sealed and recharged within the last 12 months?

7. Yes ☑ No ☐ Employee training records available and current (at least yearly for all employees)? 4-19-01, 4-27-01, 5-01-01 Training OK

8. Yes ☑ No ☐ Facility permits displayed and current?

9. Yes ☑ No ☐ Emergency fuel shut off(s) clearly labeled and between 20 and 100 feet from the dispensers?

10. Yes ☐ No ☑ Vent pipes at least 12' tall, at least 5' from the nearest building and/or electrical source and capped (rainguard)? modify to extend 3' above vapor lights

11. UST - Single wall ☐ Double wall ☑ Make JOOR Model Plasteel DW

12. Piping – SWFRP ☐ DWFRP ☑ Other Environ Flex Fiber trench —

Vulcan
Materials Company

Dennis w/ pro ch

Western Division

DARYL CHARLSON - man in charge onsite
Plant Manager
San Bernardino

2400 W. HIGHLAND AVENUE • SAN BERNARDINO, CA 92407
OFFICE 909-875-1150 • FAX 909-873-0658 • MOBILE 909-232-4990

INSPECTOR

Electronic Monitor

1. Monitoring System (brand & model) Veeder Root TLS 350 printer
2. Yes ☑ No ☐ Printer on monitor panel?
3. Yes ☑ No ☐ Alarm is both audible and visual?

Documentation

1. Yes ☑ No ☐ Business Plan current and copy on site?
2. Yes ☑ No ☐ Leak Detection/Monitoring and Response Plan available and current?
3. Yes ☑ No ☐ Certificate of Financial Responsibility available and current?
4. Yes ☑ No ☐ 3rd party test and certification of UST/Piping/Monitoring System conducted within last 12 months.
5. Yes ☑ No ☐ Above (4) Certifications for the last 3 years available?

Fill Sump

1. Yes ☑ No ☐ Spill bucket sound (no splits, holes, etc.)?
2. Yes ☐ No ☑ Fill/spill buckets free of liquid and debris?
3. Yes ☑ No ☐ Spill bucket drain present? not operational on waste oil will Fix
4. Yes ☐ No ☑ Spill bucket drain working? " " " " " " "
5. Yes ☑ No ☐ Overfill Protection installed on drop tube?

Dispensers

1. Yes ☑ No ☐ Dispenser pans present?
2. Dispenser pan style:
   Shallow with float_____
   Shallow with electronic sensor_____
   Deep with electronic sesnor ✓ Metal Pan_____ Plastic Pan_____
   Liquid sensor ✓ Beaudreau sensor_____ Other_____

INSPECTOR

Dispensers cont'd

3. Yes ☐ No ☑ Dispenser pans free of liquid and debris? # 1 Dispenser 4" diesal # 2 Dispenser 1½" water # 3 Free and dry

4. Yes ☑ No ☐ Shear valve bracket bolt/nuts present and tight?

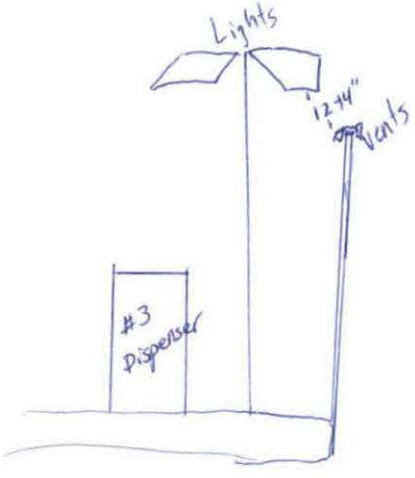
5. Yes ☐ No ☑ Dispenser product piping leak free? contractor will Fix within 24 Hrs with reinspection ordered For 5/30/01

6. Yes ☐ No ☐ N/A Floats in bravo boxes connected by an appropriate length chain to the shear valve lever?

7. Yes ☐ No ☑ Electronic sensor (liquid or beaudreau) within 1" from bottom of pan?

Sensors on # 1 & 2 dispensers had been removed and placed on concrete so as not to activate positive Shut off. Sensor in turbine end of diesal 20K was hanging on diesal turbine within a plastic Bag to Keep it From going into alarm.

CA/jc


Lights
12-14"
Vents
#3
Dispenser

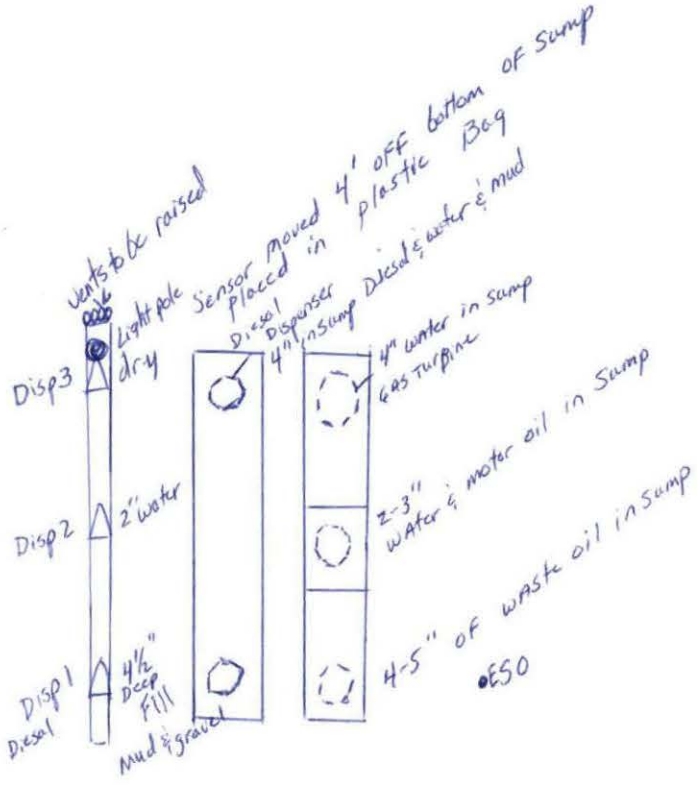
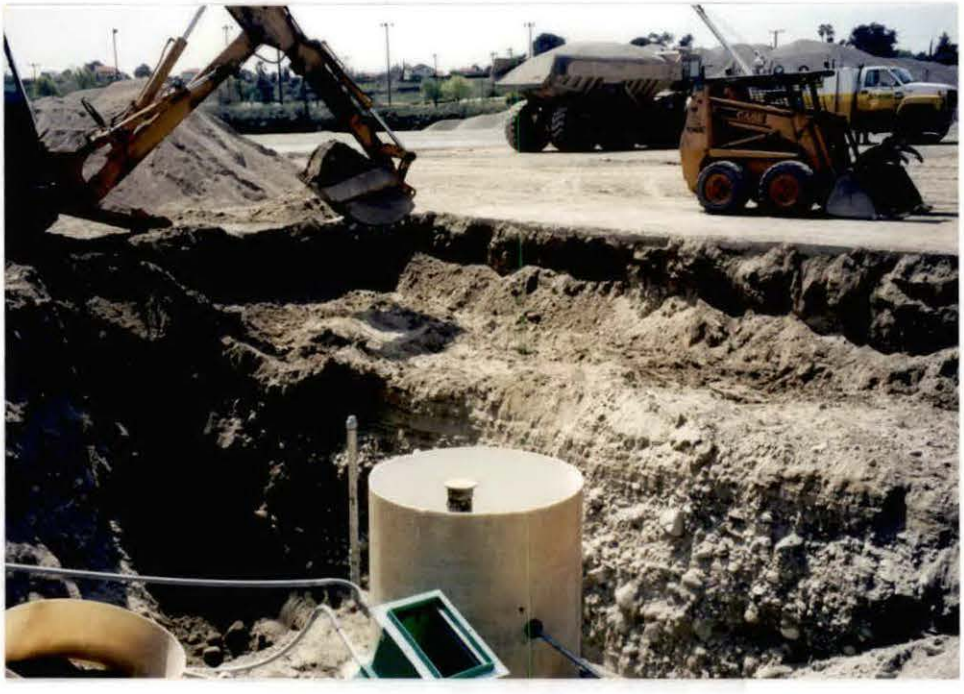

vents to be raised
Light pole
Sensor moved 4' off bottom of Sump
Placed in plastic Bag
Diesel
Dispenser
4" in Sump Diesel & water & mud
Disp3
dry
4" water in Sump
GAS Turbine
Disp2
2" water
2-3" water & motor oil in Sump
Disp1
Diesel
4½"
Deep
Fill
Mud & gravel
4-5" of waste oil in Sump
ESD

PHOTO NARRATIVE

PHOTO 1



PHOTO 2



Facility/Case Name: CA / Mart Address: 2400 Highland San Bernardino

1) Description: Sampling underneath dispenser area

2) Description: Contamination revealed need For Further Sampling at 4'-8'-12'-16' deep Excavation of contaminated Soiled

Date Taken: 3/12/99

Taken By: Craig Stephens Signature:

Bernardino County Fire Departme
HAZARDOUS MATERIALS DIVISION • FIELD SERVICES/ENVIRONMENTAL PROTECTION
385 N. Arrowhead Ave., 2nd Floor, San Bernardino, CA 92415-0153 • (909) 387-3080 FAX (909) 387-4323

UNDERGROUND STORAGE TANK REMOVAL INSPECTION FORM

DATE: 3-12-99 TIME: 2:00 pm LOG # 010899-01

FACILITY NAME: CAL MAT

LOCATION: 2400 Highland Ave San Bernardino

CONTRACTOR: TERRY / Neimeyer

INSPECTORS PRESENT HAZMAT Craig Stephens FIRE

AQMD OTHER

	QUANTITY	HAULER	DESTINATION
TRIPLE RINSATE	/		/
TANKS	/	/	/

DEGASSING CONTRACTOR

MANIFEST # / SCAQMD REFERENCE # / DRY ICE USED (10-15 # / 1000 g) /

NOTES:

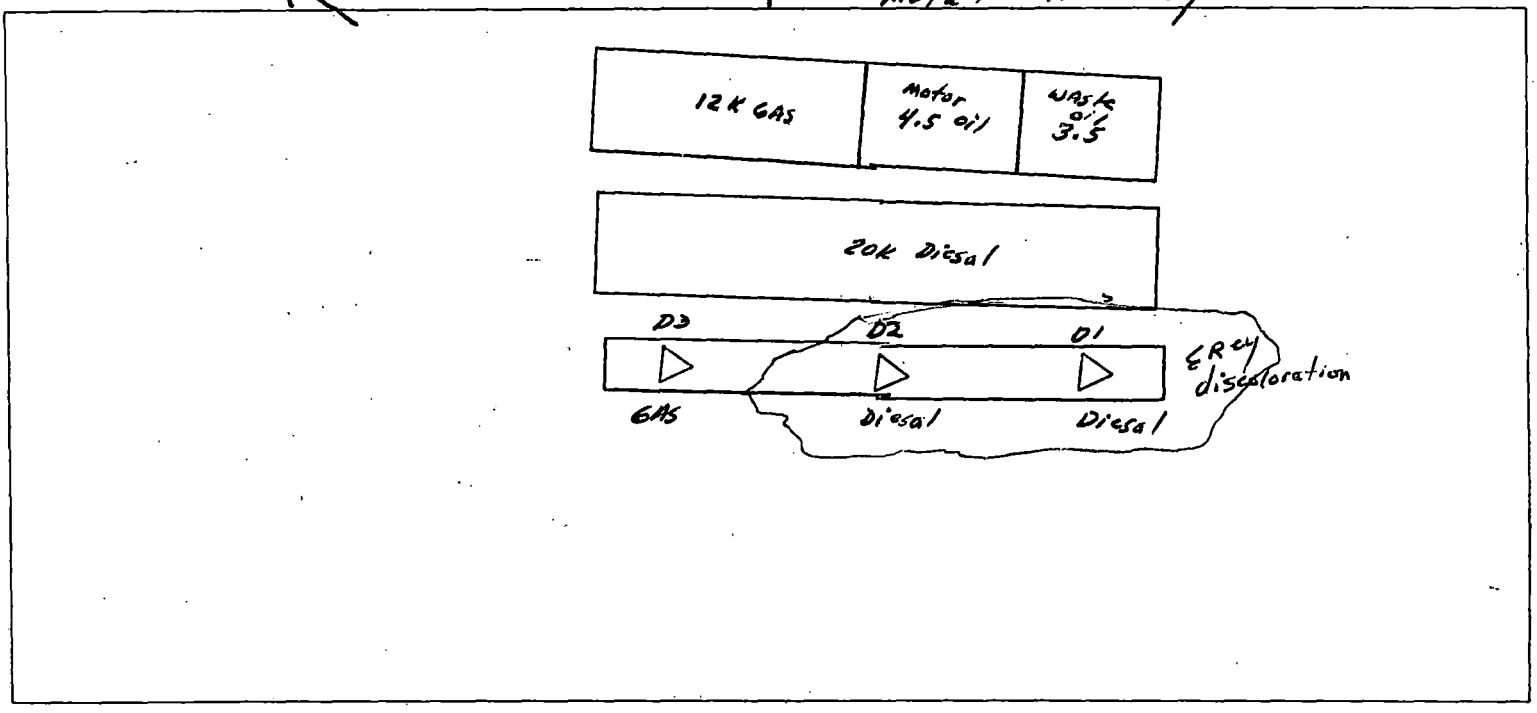
Sampling only

Tanks to remain did Primary on corrosion w/ Sampling under old dispenser area

C. Stephens
INSPECTOR

TANK #	SIZE	MATERIAL HELD	UL #	APPEARANCE (RUSTY, HOLED, SOUND, ETC.)
1		20K	Joor	Steel Fiberglass outer shell
2 - 4	12K/4.5K/3.5	12K GAS 4.5 Engine o/ 3.5 W/O	Joor	" " "

FACILITY MAP:



SAMPLE #	DATE/ TIME	DESCRIPTION (color / soil / odor)	LOCATION	DEPTH	EPA TEST # 'S
1) D1 South	3/12/89	Sandy, strong diesal Grey	Southern Diesal Dispenser	2' down	8020 MD 8015 MD MTBE
2) D2 Diesal Center		Sandy, Loam Strong diesal Grey	Center Diesal Dispenser	2' down	" " "
3) D3 gas North		Sandy	Northern GAS Dispenser	2' down	820 8015 MTBE Lead 7420
4)					
5)					
6)					
7)					
8)					
9)					
10)					

SAMPLES TAKEN BY Tito Booth LABORATORY Cal Tech

CONTAINER glass LABELS — SPLITS — HEADSPACE None SEALS —

REFRIGERATED Yes CHAIN OF CUSTODY Yes OTHER

REQUIRED EPA TESTS:
Gasoline: 8020 (BTEX) & 8015 (TRPH - modified for gas)
Diesel: 8020 & 8015 (modified for diesel) or 418.1
Solvents/HVO's: 8010
Waste Oil: 418.1 (with 8010 if solvents contamination is suspect)
Metals: 7030 (Cd), 7190 (Cr), 7950 (Zn), 7420 (Pb), 708[illegible] 8080 (PCB), 9010 (CN's)
Pesticides: 8080 (organo-Cl's), 8140 (N & P containing)

NOTE:
UGST'S ≥1000 g require a minimum of 2 samples. One from the fill end and one from the turbine end. Also, a sample from the dispenser should be taken. Samples should be taken from at least 2' below native soil (not fill). If discoloration is noted in sidewalls, take samples there. And sample stockpiles if contamination is su[illegible]ping, samples should be taken ± every 20' & at major connection[illegible]

[redacted] [redacted]

POST THIS CARD AT JOB SITE

SAN BERNARDINO COUNTY FIRE DEPARTMENT/CUPA
OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 SOUTH "E" STREET
SAN BERNARDINO, CA 92415-0153

RAH 1676

LOG # 051018-03 **JOB CARD** Nº 12380

INSTALL REMOVE

CONSTRUCTION AND/OR REMOVAL OF UNDERGROUND STORAGE FACILITY

Site Name Vulcan materials
Address 2400 W. Highland Ave San Bernardino
Contractor Petroleum Service
Address/Phone

	INSPECTION RECORD	APPROVED	DATE
FIRST INSPECTION	Excavation Clean, Approved Slope		
	Bedding		
	Holiday/Soap Test, Tanks Set X		
	Manufacturer's UL #		
	Additional Requirements		
	DO NOT BACKFILL UNTIL ABOVE APPROVED		
SECOND INSPECTION	Tank Air Test 5 PSI/30 Minutes		
	Vent/Vapor Lines		
	Products Lines 75 PSI/30 Minutes		
	Product Line Containment		
	Metal Piping Wrapped		
	Sumps, Dispenser Pans Water Test		
THIRD INSPECTION	Approved Fill Boxes		
	Concrete or AC Paving 12" Beyond		
	Leak Detectors/Monitors		
	Lockable Fluid-Tight Access for Monitoring		
	Precision Test Results		
	Dispenser Containment		
	Emergency Shut-off		
	Additional Requirements		
REQUIRED PRIOR TO OPERATING	Business Plan		
	Monitoring Plan		
	Financial Responsibility		

FINAL APPROVAL AND CURRENT OPERATING PERMITS MUST BE OBTAINED PRIOR TO PLACING THESE TANKS INTO SERVICE ($5,000.00 FINE FOR NONCOMPLIANCE)

TANK REMOVAL INSPECTION	Tank(s) Removed X		
	Required Samples: 8020, 8015, MTBE, 418.1	BCO	6/25/18
	Lead (pb) 7421 or ICP 6010, Metals EPA PP13		
	Additional Test Requirements Cold Start Repair and System functional test. Pass 6/25/18		
	Removals Cannot be Finaled Until a Signed Copy of the Sample Results Have Been Received and Approved by this Department.		
	Final — Approved for Backfill		

Remarks: UST System functioning as built. All systems okay

FAILURE TO PROTECT AND MAINTAIN THIS CARD MAY RESULT IN JOB DELAY.
PRESERVE THIS RECORD OF INSPECTIONS. 20 days

FOR INSPECTION CALL 48 ~~HOURS~~ IN ADVANCE AT (909) 386-8464

THIS PERMIT EXPIRES 7-23-18

☐ PETROLEUM ☐ WASTE OIL ☒ OTHER

SR0180255

14-16867-670 Rev. 2/03

DISTRIBUTION: *White — County Fire Department*
Green — Contractor/Owner

FA0001676, SR0180855, LC[illegible]051018-03

N

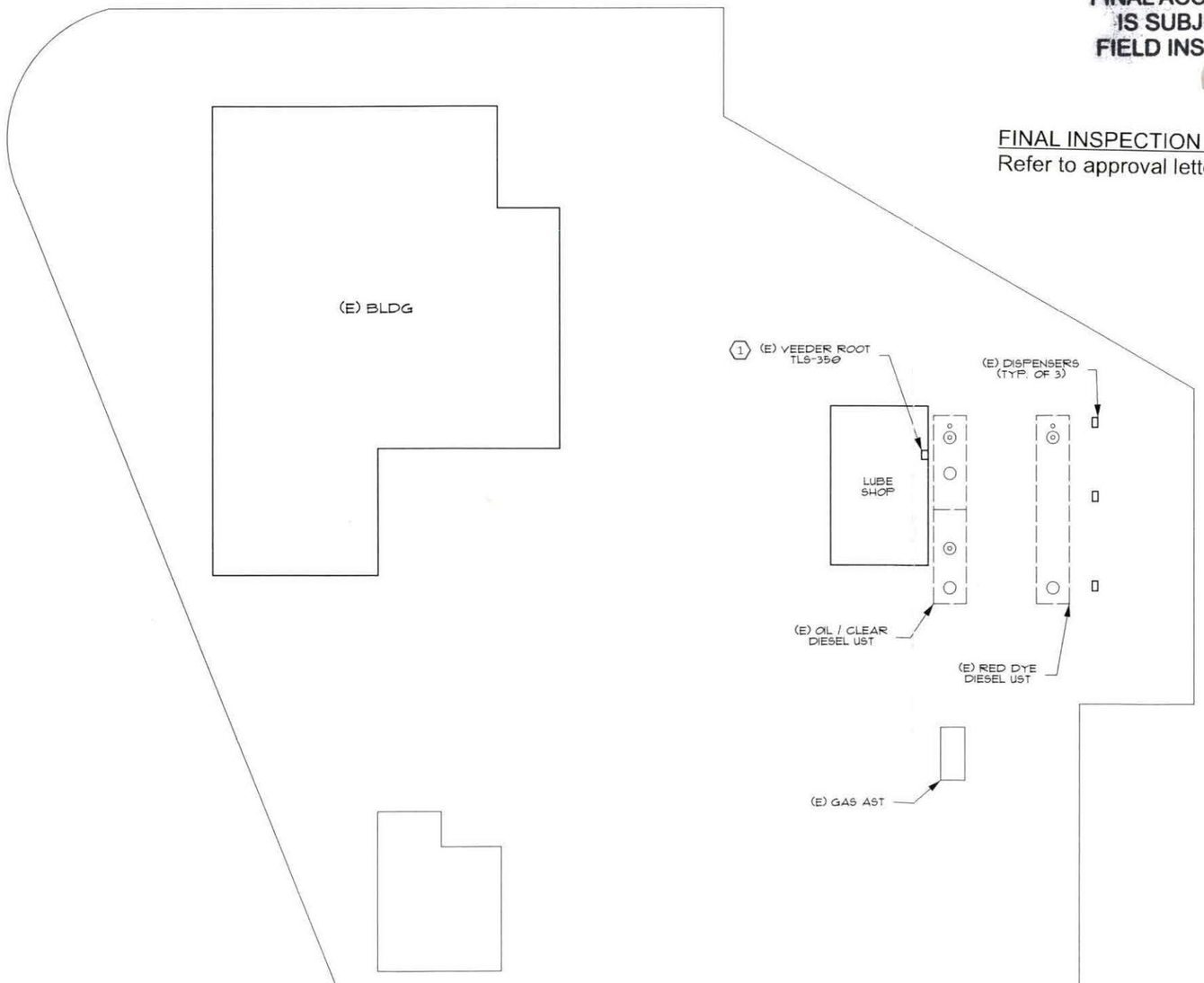
SAN BERNARDINO COUNTY FIRE
HAZARDOUS MATERIALS DIVISION
It is unlawful to make any changes or alterations of these plans without the approval of the Hazardous Materials Division. The approval of this plan and specifications SHALL NOT be construed to permit the violation of any law.
See the attached list of Division Conditions.

HIGHLAND AVE

PLANS APPROVED
AS CORRECTED
Date 6/20/18
SAN BERNARDINO COUNTY FIRE
Hazardous Materials Division
By EDY

FINAL ACCEPTANCE
IS SUBJECT TO
FIELD INSPECTION

FINAL INSPECTION REQUIRED
Refer to approval letter dated June 20,2018



VICINITY MAP



SCOPE OF WORK

- VEEDER ROOT TLS-350 WAS FOUND IN WARM START LOOP ON 5/4/18. BACKUP BATTERY WAS DEAD. REPLACED BATTERY, PERFORMED COLD START AND RE-PROGRAMMED MONITOR.

RECEIVED
MAY 10 2018
By

NOTES:

- An individual (s) installing UST components shall meet the following requirments, or work under the direct and personal supervision of an individual physically present at the work site who meets the following requirments:
  1. The individual has been adequately trained as evidenced by a current certificate of training by the manufacturer(s) of the UST components
  2. The individual shall possess a current UST system installer certificate from the ICC, indicating that the individual has passed the ICC UST installation / retrofitting exam
- The service technician shall possess or work under direct and personal supervision of an individual physically present at the work site who possesses a current certificate from the ICC, indicating that the individual has passed the California UST Service Technician Exam
- All work will be performed as per manufacturer's specifications.
- All site inspections shall be scheduled with SBC Fire Dept.

REVISIONS

NO.	DATE	DESCRIPTIONS	BY	APP.

DESIGN:
SoCal Compliance SERVICES
8401 White Oak Avenue, Suite 111
Rancho Cucamonga, CA 91730
909.481.0700

Vulcan Materials Company

PROJECT:
VULCAN MATERIALS CO.
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407
COLD START SITE PLAN

DATE DRAWN: 5/7/18
SCALE: AS SHOWN
DRAWN BY: B. BURNS
CHECKED BY:
CLIENT: PACIFIC COMPLIANCE SERVICES P.O. BOX 294808, PHELAN, CA
SHEET: SP-1

FIRE COPY

SAN BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION — FIELD SERVICES/ENVIRONMENTAL PROTECTION
620 South E Street, San Bernardino, CA 92415-0153

UNDERGROUND TANK CONSTRUCTION/ MODIFICATION APPLICATION

Cold Start ✓

$ _____ First Tank

$ _____ Each Additional Tank

TANK INSTALLATION ☐
PIPING ONLY ☐
MODIFICATION ☐

JOB LOCATION

Vulcan Materials Co.
Facility Name and Contact Person — Phone No.

2400 W. Highland Ave — San Bernardino — 92407
Situs Address — City — Zip Code

Fire — Water/Sewer Agency

PROPERTY OWNER

Same
Name — Phone No.

Mailing Address — City — Zip Code

Owner's Representative — Phone No.

TANK OWNER

Same
Name — Phone No.

Mailing Address — City — Zip Code

TANK DATA

Construction	Size	Contents	U.L. Number
Cold Start Permit			

CONTRACTOR

Petrotech Service — Company Name
Phillip Smith — Contact Person
951-210-5745 — Phone No.

3080 Park Blvd — Mailing Address
Nuevo — City
92567 — Zip Code

Exempt (No Employees) — Workman's Comp Insurance Carrier
Policy No.

991520 — State Contractor's License No.
A, Haz — Types of Licenses
3-31-20 — Expiration Date

Brian Burns — Print Name Clearly
909-702-9004 — Phone

Signature
5-10-18 — Date

OFFICE USE ONLY

New Facility ☐
Permitted Facility ☒ Yes ☐ No
Permits Current ☒ Yes ☐ No

B-H 16976 — Facility ID Number
Number of Tanks: 4
10-31-2018 — Expiration Date

747.00 — Permit Fee Paid
769 — Check Number
5-10-18 — Date Paid
OSL — Taken by
102178 — Receipt Number
OS 1018-03 — Log Number
12320 — Job Card Number

03-19990-670 Rev. 4/02

SK 1820855

FAH 16716

POST THIS CARD AT JOB SITE

SAN BERNARDINO COUNTY FIRE DEPARTMENT/CUPA
OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 SOUTH "E" STREET
SAN BERNARDINO, CA 92415-0153

LOG # 031709-03 JOB CARD Nº 09557

INSTALL REMOVE

CONSTRUCTION AND/OR REMOVAL OF UNDERGROUND STORAGE FACILITY

Site Name Vulcan Material West Div.
Address 2400 W. Highland Ave San Bernardino
Contractor Pacific Systems
Address/Phone 909 947-3915

	INSPECTION RECORD	APPROVED	DATE
FIRST INSPECTION	Excavation Clean, Approved Slope		
	Bedding		
	Holiday/Soap Test, Tanks Set X		
	Manufacturer's UL #		
	Additional Requirements		
	DO NOT BACKFILL UNTIL ABOVE APPROVED		
SECOND INSPECTION	Tank Air Test 5 PSI/30 Minutes		
	Vent/Vapor Lines		
	Products Lines 75 PSI/30 Minutes		
	Product Line Containment Boot Repair	F. TAHER	6/8/09
	Metal Piping Wrapped		
	Sumps, Dispenser Pans Water Test		
	Hydrostatic testing	F. TAHER	6/8/09
THIRD INSPECTION	Approved Fill Boxes		
	Concrete or AC Paving 12" Beyond		
	Leak Detectors/Monitors		
	Lockable Fluid-Tight Access for Monitoring		
	Precision Test Results		
	Dispenser Containment		
	Emergency Shut-off		
	Additional Requirements		
REQUIRED PRIOR TO OPERATING	Business Plan		
	Monitoring Plan		
	Financial Responsibility		

FINAL APPROVAL AND CURRENT OPERATING PERMITS MUST BE OBTAINED PRIOR TO PLACING THESE TANKS INTO SERVICE ($5,000.00 FINE FOR NONCOMPLIANCE)

TANK REMOVAL INSPECTION	Tank(s) Removed X		
	Required Samples: 8020, 8015, MTBE, 418.1		
	Lead (pb) 7421 or ICP 6010, Metals EPA PP13		
	Additional Test Requirements		
	Removals Cannot be Finaled Until a Signed Copy of the Sample Results Have Been Received and Approved by this Department.		
	Final — Approved for Backfill		

Remarks:
INSTALL BLUELINE SPLIT Boot Repair Fittings - OK
Provide Hydrostatic testing to Determine Integrity of Repair - OK
6/8/09 Furas Taher

FAILURE TO PROTECT AND MAINTAIN THIS CARD MAY RESULT IN JOB DELAY.
PRESERVE THIS RECORD OF INSPECTIONS. 20 DAYS

FOR INSPECTION CALL ~~48 HOURS~~ IN ADVANCE AT (909) 386-8464

THIS PERMIT EXPIRES 1-8-2010

☐ PETROLEUM ☐ WASTE OIL ☐ OTHER

DISTRIBUTION: White — County Fire Department
Green — Contractor/Owner

14-16867-670 Rev. 2/03

S BERNARDINO COUNTY FIRE DEPARTMENT
HAZARDOUS MATERIALS DIVISION — FIELD SERVICES/ENVIRONMENTAL PROTECTION
620 South E Street, San Bernardino, CA 92415-0153

UNDERGROUND TANK CONSTRUCTION/ MODIFICATION APPLICATION

$ _____ First Tank

$ _____ Each Additional Tank

TANK INSTALLATION ☐
PIPING ONLY ☐
MODIFICATION ☐

JOB LOCATION

Vulcan Material — Facility Name and Contact Person: Daryl Charleston — Phone No.: 909) 875-1150
2400 W. Highland Ave — Situs Address; San Bernardino — City; ~~909) 875-1150~~ 92407 — Zip Code
Fire — Water/Sewer Agency

PROPERTY OWNER

Vulcan Material — Name
2400 W. Highland, — Mailing Address; San Bernardino — City; 92407 — Zip Code / Phone No.
Daryl Charleston — Owner's Representative; 909) 875-1150 — Phone No.

TANK OWNER

Vulcan Material — Name; 909) 875-1150 — Phone No.
2400 W. Highland, — Mailing Address; San Bernardino — City; 92407 — Zip Code

TANK DATA

Construction	Size	Contents	U.L. Number

CONTRACTOR

Pacific Systems Electric — Company Name; ~~Dennis~~ Earl Jones — Contact Person; Phone No.
32670 Dowling ct. — Mailing Address; Winchester — City; 92596 — Zip Code
State Fund — Workman's Comp Insurance Carrier; 0005845 — Policy No.
561275 — State Contractor's License No.; A, HAZ — Types of Licenses; 11/30/2010 — Expiration Date

Mike Cline — Print Name Clearly; 909) 647-3915 — Phone
Signature; 3/17/09 — Date

OFFICE USE ONLY

New Facility ☐
Permitted Facility ☒ Yes ☐ No — Fa# 1676 — Facility ID Number
Number of Tanks: 4
Permits Current ☒ Yes ☐ No — 7-31-09 — Expiration Date

500.00 / 51720 — Permit Fee Paid / Receipt Number
696 — Check Number
3-17-09 — Date Paid
Taken by
031709-03 — Log Number; 9557 — Job Card Number

03-19990-670 Rev. 4/02

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

CERTIFICATE OF COMPLIANCE

Return Certification to Inspector AMANDA NESBIT within 30 Days of Inspection

RESPONDENT: Raul Garcia

VIOLATION(S) CITED ON: 6/25/2019

FACILITY NAME: **VULCAN MATERIALS WEST DIVISION** FACILITY ID: **FA0001676**

SITE ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407**

Summary of Violations:

IMPORTANT- Enclose all requested documentation when returning this certification.

U408 CORRECTIVE ACTION: Submit the "Underground Storage Tank Statement of Understanding and Compliance Form" via CERS and re-submit all UST documents within 30 days. ✓

U400 CORRECTIVE ACTION: Update the following information and re-submit all UST documents via CERS within 30 days: For your "New Oil tank", for your fill components installed, please check "yes" for all components. → Tank Info.

U008 CORRECTIVE ACTION: Submit a signed certificate of compliance stating you understand that DO monthly inspections are to be conducted once every 30 days. ✓

U401 CORRECTIVE ACTION: Update the following information and re-submit all UST documents via CERS within 30 days: For all your tanks, on the monitoring plan, for training, please check "yes" for "Designated operator" training. ✓ tr.

U407 CORRECTIVE ACTION: Update the DO identification form and re-submit all UST documents within 30 days. ✓

U402 CORRECTIVE ACTION: Include the approximate location of the piping layout on your facility plot plan and re-submit all UST documents within 30 days. ✓

I certify under penalty of law that:

- Respondent has corrected violations specified in the above-entitled action.
- I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- I am authorized to file this certification on behalf of the Respondent.
- I am aware there are significant penalties for submitting false information, including the possibility of fines and

SIGNATURE

7-1-19
DATE

John Janke
PRINT NAME

Env Specialist.
TITLE

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CUPA COMPLIANCE INSPECTION REPORT

NAME: **VULCAN MATERIALS WEST DIVISION** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** INSPECTION DATE: **6/25/2019**

Consent granted by:

☒ **photograph** ☒ **inspect** **Name:** Raul Garcia **Title:** Foreman

On-site to conduct an Annual Underground Storage Tank (UST) inspection. Inspection was conducted during the annual monitoring certification testing.

Site Contact: Raul Garcia, Foreman
Contractor On-site: PCS
Technician On-site: Phillip Smith
Certifications: Current

UST System:
- Non- VPH System
- 2 double-walled tanks, one, 3 compartment tank
- T-1 – 20,000 gallon tank of Diesel
- T-2 – 12,000 gallon tank of Diesel
- T-3 – 3,500 gallon tank of New Oil
- T-4 – 4,500 gallon tank of Used Oil
- Tank Installation Dates: 03/10/1987

Monitoring System:
- Veeder Root (VR) - TLS-350
- Fill Sumps (4) – VR 208
- Turbine Sumps (4) – VR 208
- Annular (2) – VR 420
- UDC (3) – VR 208
- Line Leak Detectors (2) – mechanical

Documentation/Visual Inspection:
- Last Monitoring Certification was conducted by PCS on 06/25/2018.
- Last SB989 tests were conducted by PCS on 01/26/2018.
- Last Overfill prevention tests were conducted by PSC on 10/05/2018.
- PCS provide Designated Operator (DO) services for this facility.
- DO monthly inspection reports were reviewed and compared with the alarm history and work orders. The following DO monthly inspections were over 30 days apart from the previous month June (2019), February (2019), and December (2018).
- DO annual employee training is current.
- CUPA permit is current and expires on 10/31/2019.
- CFR dated: 12/18/2018

Monitoring Certification Test Results:
- Sensors in the annular spaces, tank top sumps, and UDCs caused the turbine to shut down and audible visual at the Veeder-Root monitor.
- Emergency Shutoff (ESO) (1)- Passed
- Failsafe and Sensor Out – Passed
- Electronic line Leak detectors:
- Clear Diesel – Passed
- Red Dye Diesel – Passed
- Spill buckets were tested hydrostatically for one hour- Passed
- Containments: clean and dry

Next monitoring certification is due by 06/2020, next SB989 testing is due by 01/2021, and next mechanical overfill

inspection is due by 10/2021.

Send all return to compliance documentation to ustcompliance@sbcfire.org and anesbit@sbcfire.org
For questions regarding this inspection report contact anesbit@sbcfire.org or (909) 386-8464.

Refer to Title 19 and Title 22 of the California Code of Regulations (CCR), Chapters 6.5, 6.67 and 6.95 of the California Health Safety Code (CHSC), and Division 3 of Title 2 of the San Bernardino County Code (SBCC). The following lines marked in the V column are violations that must be corrected.

VIOLATION CODE	DESCRIPTION	SECTION		V	
41	**UNDERGROUND STORAGE TANKS (UST)**				
F001	Address Identification	CFC	505.1		
F002	Emergency disconnect switches	CFC	2303.2		
F003	Fire extinguishers	CFC	2305.5		
F004	Dispenser emergency shutoff valve	CFC	2306.7.4		
F005	Electrical	CFC	2301.5		
U001	Failure to Obtain Operating Permit		MULTIPLE		
U002	Permit Conditions	CCR	2712		
U003	Failure to Retain Operating Permit	CCR	2712(i)		
U004	Designated Operator - Inspection Records	CCR	2716(f)		
U005	Designated Operator - Training Records	CCR	2715(c)(3), 2715(c)(4)		
U006	Repair/Upgrade Record Retention	CCR	2712(b)(6)		
U007	Release Detection Monitoring and Maintenance Records	CCR	2712(b)(1)&(2)		
U008	**Designated Operator (DO) Inspection**	CCR	2716(a) through (e)	X	
Violation:	For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: 1. Be performed by an ICC certified DO. 2. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. 3. Inspect for the presence of liquid/debris in spill containers. 4. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. 5. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. 6. Check that all testing and maintenance has been completed and documented. 7. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.				
MINOR	OBSERVATION: The Designated Operator (DO) monthly inspections are to be conducted every 30 days. The following months were conducted over 30 days after the previous month: June (2019), February (2019), and December (2018). CORRECTIVE ACTION: Submit a signed certificate of compliance stating you understand that DO monthly inspections are to be conducted once every 30 days.				
U009	Monitoring Plan On Site	CCR	2712(i)		
U010	Facility Employee On Site	CCR	2715(c)(2)		
U011	Recording Unauthorized Releases		MULTIPLE		
U012	Record Keeping: General	CHSC	25293		
U013	Secondary Containment Testing - Reporting	CCR	2637(e), (f)		
U014	Spill Container Testing - Reporting	CCR	2637.1(d), 2637.1(e)		
U015	12 Month Monitoring System Certification Submittal	CCR	2638(c), 2638(d)		
U016	Overfill Prevention Inspection - Records	CCR	Multiple		
U017	Compatibility Records	CCR	Multiple		
U018	Piping Obstruction	CCR	2630(d), 2641(a)		
U019	Secondary Containment	CHSC	Multiple		
U020	Water in Secondary Containment	CHSC	Multiple		
U021	Secondary Containment Testing	CCR	Multiple		
U022	Monitoring System Service Tag	CCR	2638(f), 2641(j)		
U023	Leak Detection Equipment Maintenance	CCR	Multiple		
U024	Lined Tank Requirements	CCR	2663, 2712(b)(6)		
U025	Corrosion Protection - Impressed Current/Sacrificial Anode	CCR	Multiple		
U026	Overfill Prevention	CCR	Multiple		
U027	Testing Notification	CCR	Mulitple		
U030	Improper Monitoring	CCR	2630(d), 2641(a)		
U031	Audible and Visual Alarm	CCR	Multiple		
U032	Monitoring Equipment	CCR	2638(a), 2641(j)		
U033	Leak Detection Performance Certification	CCR	Multiple		
U034	Line Leak Detector (LLD) - Double-Walled Pressurized Pipe	CCR	2636(f)(2)		

U035	Spill Container		MULTIPLE		
U041	Reporting Unauthorized Releases		MULTIPLE		
U042	Unsafe UST Operation	CHSC	25292.1(a)		
U050	Double-Walled Tank Monitoring - After January 1, 1984 and Before July 1, 2004	CCR	2631(g), 2632(c)(2)(A-B)		
U051	Vapor, Pressure, Hydrostatic (VPH) Monitoring - On or After July 1, 2004	CHSC	25290.1(e)		
U060	Pressurized Double-Walled Pipe - Line Integrity Test		MULTIPLE		
U061	Double-Walled Pressurized Pipe -Interstitial Monitoring	CCR	2636(f)(1), 2666(b)(2)		
U062	Double-Walled Pressurized Pipe - Monitoring - In Lieu of 12 Month Line Integrity Test	CCR	2636(f)(4)		
U080	Falsification	CHSC	25299(a)(8), 25299(b)(7)		
U081	Tampering with Leak Detection Equipment	CHSC	25299(a)(9)		
U082	Red Tag Deposit		MULTIPLE		
U083	Red Tag Tampering	CCR	2717.1(g)		
U084	Corrective Actions/Return to Compliance	CCR	2712(f)		
U200	UST Construction - On or After July 1, 2003 and Before July 1, 2004	CHSC	25290.2(d)		
U201	UST Construction - On or After July 1, 2004	CHSC	25290.1(d)		
U202	UST Primary Containment		MULTIPLE		
U203	Double-Walled Construction After January 1, 1984	CHSC	25291(b)		
U204	Line Leak Detector (LLD) - Installed		MULTIPLE		
U205	Independent Testing Organization Approval / Engineering Specification	CCR	Multiple		
U206	Striker Plate	CCR	2631(c), 2662(d)		
U207	UST Design/Construction - Compatibility		MULTIPLE		
U208	As-Built Plans	CCR	2635(e)(8)		
U209	Enhanced Leak Detection Testing (ELD) (New Construction)	CHSC	25290.1(j)		
U210	Single-Walled Safe Suction	CCR	2636(a)(3), 2641(b)		
U299	UST Construction Permit and Plan Approval	SBCC	23.0603(a)		
U300	Permanent Closure		MULTIPLE		
U301	Temporary Closure		MULTIPLE		
U400	**UST Facility and/or Tank Information**		MULTIPLE	X	
Violation:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit. CCR 2711; CHSC 25284, 25286				
MINOR	OBSERVATION: The tank page information submitted via CERS is not accurate based upon what was observed on-site. CORRECTIVE ACTION: Update the following information and re-submit all UST documents via CERS within 30 days: For your "New Oil tank", for your fill components installed, please check "yes" for all components.				
U401	**Monitoring Plan Approval**	CCR	Multiple	X	
Violation:	Failure to have an approved UST Monitoring Plan. CCR 2632(d)(1), 2634(d), 2641(h)				
MINOR	OBSERVATION: The monitoring plan submitted via CERS is not accurate based upon what was observed on-site CORRECTIVE ACTION: Update the following information and re-submit all UST documents via CERS within 30 days: For all your tanks, on the monitoring plan, for training, please check "yes" for "Designated operator" training.				
U402	**Plot Plan**	CCR	Multiple	X	
Violation:	Failure to submit or maintain a current facility plot plan. CCR 2632(d)(1)(C), 2641(h), 2711(a)(8)				
MINOR	OBSERVATION: The UST plot plan submitted via CERS is missing the approximate location of the piping layout. CORRECTIVE ACTION: Include the approximate location of the piping layout on your facility plot plan and re-submit all UST documents within 30 days.				
U403	Financial Responsibility		MULTIPLE		
U404	Response Plan	CCR	Multiple		
U405	Response Plan Approval	CCR	Multiple		
U406	Agreement Between UST Permit Holder and UST Operator (Owner/Operator Agreement)		MULTIPLE		
U407	**Designated Operator (DO) - Identification Notification**	CCR	2715(a)(1)(B), 2715(a)(3)	X	
Violation:	Failure to submit the "Designated Underground Storage Tank Operator Identification Form" within 30 days of installing a UST system or within 30 days of a change in DO.				
MINOR	OBSERVATION: The Designated Operator (DO) identification form information is no longer current. CORRECTIVE ACTION: Update the DO identification form and re-submit all UST documents within 30 days.				

U408	**Owner/Operator Statement of Understa ınd Compliance**	CCR	2715(a)(1)(A), 2715(a)(2)	X	
Violation:	Failure to submit the "Underground Storage Tank Statement of Understanding and Compliance Form."				
MINOR	OBSERVATION: Owner/operator failed to submit the "Underground Storage Tank Statement of Understanding and Compliance Form" via CERS. CORRECTIVE ACTION: Submit the "Underground Storage Tank Statement of Understanding and Compliance Form" via CERS and re-submit all UST documents within 30 days.				
U500	Emergency Generator Tank System In Below-Grade Structure Exemption	CHSC	25281.6(a)		
U501	Emergency Generator Tank Systems Line Leak Detector (LLD)	CCR	2636(f), 2666(c), 2666(f)		
U502	Emergency Generator Piping - Exemption	CHSC	25281.5(b)(3)		
U503	Designated Operator (DO) - Unstaffed Facility Training	CCR	2715(f)(2)		
U504	Tank In Below-Grade Structure	CHSC	25283.5(a)		
U505	Marina Piping - Exclusion	CHSC	25281.5(b)(2)		
U900	Double-Walled Pipe Upgrade	CCR	2666(b)(2)		
U901	Single-Walled Conventional Suction Testing	CCR	2643(d), 2661(f)		
U902	Single-Walled Conventional Suction Monitoring and Record Keeping	CCR	2643(d)		
U903	Single-Walled Gravity Testing	CCR	2643(e), 2661(f)		
U904	Single-Walled Pressurized Pipe Monitoring/Testing		MULTIPLE		
U910	Enhanced Leak Detection Testing - Results	CCR	2644.1(a)(5)		
U911	Continuous In-Tank Leak Detection (CITLD) - Single-Walled Tank	CCR	2643(b)(3)		
U912	Line Leak Detector (LLD) - Single-Walled Pressurized Pipe	CCR	2666(c), 2643(c)(1)		
U920	Automatic Tank Gauge (ATG) / Statistical Inventory Reconciliation / Cont In-Tank Leak Det (CITLD		MULTIPLE		
U921	Statistical Inventory Reconciliation (SIR)	CCR	Multiple		
U922	Statistical Inventory Reconciliation (SIR) Reporting	CCR	2646.1(j)		
U923	Statistical Inventory Reconciliation Failure (SIR)	CCR	2646.1(d)		
U924	Automatic Tank Gauging - Single-Walled Tank	CCR	2643(b)(1)		
U925	Groundwater and Vadose Zone Monitoring	CCR	2647, 2648, 2712(b)(4)		
U930	Well Proximity Enhanced Leak Detection (ELD) Testing (Initial or One Time)		MULTIPLE		
U931	Well Proximity Enhanced Leak Detection (ELD) Testing	CHSC	25292.4(d), 25292.5(c)		

INSPECTED BY:

AMANDA NESBIT

NAME **ICC#8750403**

RECEIVED BY:

Raul Garcia

NAME

INSPECTION DATE: 06/25/2019

Signature Date Time: 6/25/19 3:44:00PM

LTR:6/25/2019 3:30:56PM

Foreman

TITLE

REPORT DATE: 6/25/19 4:08 pm

[X] **This report shall serve as a notice to comply for minor violations and a notice of violation for all other violations.**

THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN 30 DAYS UNLESS OTHERWISE SPECIFIED. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

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CERTIFICATE OF COMPLIANCE

Return Certification to Inspector AMANDA NESBIT within 30 Days of inspection

RESPONDENT: Raul Garcia

VIOLATION(S) CITED ON: 6/25/2019

FACILITY NAME: **VULCAN MATERIALS WEST DIVISION** FACILITY ID: **FA0001676**

SITE ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407**

Summary of Violations:

IMPORTANT- Enclose all requested documentation when returning this certification.

U408 CORRECTIVE ACTION: Submit the "Underground Storage Tank Statement of Understanding and Compliance Form" via CERS and re-submit all UST documents within 30 days.

U400 CORRECTIVE ACTION: Update the following information and re-submit all UST documents via CERS within 30 days: For your "New Oil tank", for your fill components installed, please check "yes" for all components.

U008 CORRECTIVE ACTION: Submit a signed certificate of compliance stating you understand that DO monthly inspections are to be conducted once every 30 days.

U401 CORRECTIVE ACTION: Update the following information and re-submit all UST documents via CERS within 30 days: For all your tanks, on the monitoring plan, for training, please check "yes" for "Designated operator" training.

U407 CORRECTIVE ACTION: Update the DO identification form and re-submit all UST documents within 30 days.

U402 CORRECTIVE ACTION: Include the approximate location of the piping layout on your facility plot plan and re-submit all UST documents within 30 days.

I certify under penalty of law that:

- o Respondent has corrected violations specified in the above-entitled action.
- o I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- o Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- o I am authorized to file this certification on behalf of the Respondent.
- o I am aware there are significant penalties for submitting false information, including the possibility of fines and

SIGNATURE DATE

PRINT NAME TITLE

memo

RECEIVED
JUL 16 2018
S.B. CO. FIRE DEPT.

Data Entered 7/16/18

UST TEST RESULTS

To: San Bernardino County Fire Department
Hazardous Materials Division UST
620 S. "E" Street
San Bernardino, CA 92415-0153

From: John Minnock
714-713-9529

Date: 7/9/2018

Re: **Monitor Certification Test Results –**
Vulcan Materials Co.
2509 West Rosecrans Ave2400 W. Highland
San Bernardino, CA

AN 8/1/18

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Vulcan_Materials_Co. Bldg. No.:

Site Address: 2400_W._Highland City: San_Bernardino Zip:

Facility Contact Person: Contact Phone No.: ( )

Make/Model of Monitoring System: Veeder_Root_TLS-350 Date of Testing/Servicing: 6_/_25_/_2018

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: 1_Clear_Diesel	**Tank ID:** 2_Red Dye Diesel
x In-Tank Gauging Probe. Model: 847390-109	x In-Tank Gauging Probe. Model: 847390-109
x Annular Space or Vault Sensor. Model: 794390-420	x Annular Space or Vault Sensor. Model: 794390-420
x Piping Sump / Trench Sensor(s). Model: 794380-208	x Piping Sump / Trench Sensor(s). Model: 794380-208
x Fill Sump Sensor(s). Model: 794380-208	x Fill Sump Sensor(s). Model: 794380-208
x Mechanical Line Leak Detector. Model: VMI LD-2000	x Mechanical Line Leak Detector. Model: VMI LD-2000
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
x Tank Overfill / High-Level Sensor. Model: 847390-709	x Tank Overfill / High-Level Sensor. Model: 847390-109
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: 3_Waste Oil	**Tank ID:** 4_New_Oil
☐ In-Tank Gauging Probe. Model:	☐ In-Tank Gauging Probe. Model:
x Annular Space or Vault Sensor. Model: 794390-420	x Annular Space or Vault Sensor. Model: 794390-420
☐ Piping Sump / Trench Sensor(s). Model:	x Piping Sump / Trench Sensor(s). Model: 794380-208
x Fill Sump Sensor(s). Model: 794380-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
x Tank Overfill / High-Level Sensor. Model: 794390-420	x Tank Overfill / High-Level Sensor. Model: 794390-420
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: Disp. 1	**Dispenser ID:**
x Dispenser Containment Sensor(s). Model: 794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: Disp. 2	**Dispenser ID:**
x Dispenser Containment Sensor(s). Model: 794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: Disp.3	**Dispenser ID:**
x Dispenser Containment Sensor(s). Model: 794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*: x System set-up x Alarm history report**

Technician Name (print): Philip B. Smith Signature:

Certification No.: A30819, ICC 5263352 License. No.: 991520

Testing Company Name: Petrotech Service Phone No.:(951) 210-5745

Testing Company Address: 31080 Park Blvd._Nuevo, Ca. 92567 Date of Testing/Servicing: 6_/_25_/_2018

D. Results of Testing/Servicing

Software Version Installed: _____17.02_____

Complete the following checklist:

x Yes	☐ No*	Is the audible alarm operational?
x Yes	☐ No*	Is the visual alarm operational?
x Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
x Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* x N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
x Yes	☐ No* ☐ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* x Sump/Trench Sensors; x Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? x Yes; ☐ No.
x Yes	☐ No* ☐ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? ___90___%
☐ Yes*	x No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	x No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
x Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
x Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: _____

F. In-Tank Gauging / SIR Equipment:

x Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

Check this box if LLDs are not installed.

Complete the following checklist:

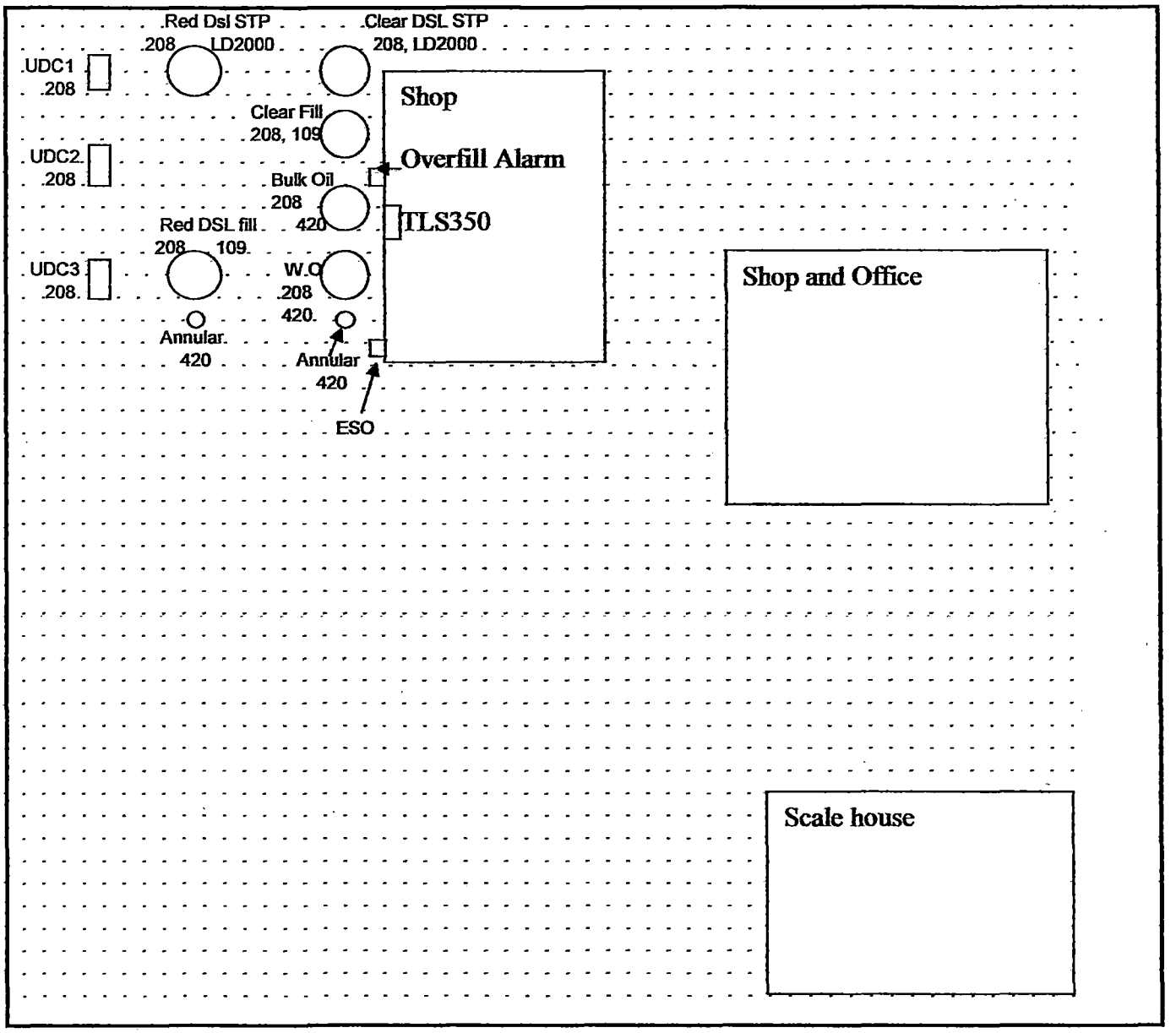
x Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: x 3 g.p.h.; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
x Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
x Yes	☐ No*	Was the testing apparatus properly calibrated?
x Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* x N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
x Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

UST Monitoring Site Plan

Site Address: 2400 Highland, San Bernardino



Date map was drawn: ____/____/____.

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials Co.	Date of Testing:	6/25/2018
Facility Address:	2400 W. Highland, San Bernardino		
Facility Contact:		Phone:	
Date Local Agency Was Notified of Testing :			
Name of Local Agency Inspector *(if present during testing)*:			

2. TESTING CONTRACTOR INFORMATION

Company Name:	Petrotech Service
Technician Conducting Test:	Philip B. Smith
Credentials[1]:	X CSLB Contractor XICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)* _____
License Number(s):991520	5263352

3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	x Hydrostatic	☐ Vacuum	☐ Other	
Test Equipment Used:Visual			Equipment Resolution:	
Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**1 Diesel**	**2Red Diesel**	**3Waste Oil**	**4**
Bucket Installation Type:	☐ Direct Bury x Contained in Sump	☐ Direct Bury x Contained in Sump	☐ Direct Bury x Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	16"	
Bucket Depth:	12"	12"	12"	
Wait time between applying vacuum/water and start of test:	10 minutes	10 minutes	10 minutes	
Test Start Time (T_I):	9:00 A.M.	9:00 A.M.	9:00 A.M.	
Initial Reading (R_I):	11"	11"	15"	
Test End Time (T_F):	10:00 A.M.	10:00 A.M.	10:00 A.M.	
Final Reading (R_F):	11"	11"	15"	
Test Duration ($T_F - T_I$):	1 hour	1 hour	1 hour	
Change in Reading ($R_F - R_I$):	0	0	0	
Pass/Fail Threshold or Criteria:	0 drop	0 drop	0 drop	
Test Result:	x Pass ☐ Fail	x Pass ☐ Fail	x Pass ☐ Fail	☐ Pass ☐ Fail

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 6/28/2018

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements

SYSTEM SETUP

JUN 25, 2018 8:38 AM

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH
SYSTEM DATE/TIME FORMAT
MON DD YYYY HH:MM:SS xM

VULCAN
2400 HIGHLAND
SAN BERNARDINO

SHIFT TIME 1 : DISABLED
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

TANK PERIODIC WARNINGS
DISABLED
TANK ANNUAL WARNINGS
DISABLED
LINE PERIODIC WARNINGS
DISABLED
LINE ANNUAL WARNINGS
DISABLED

PRINT TC VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F): 60.0
STICK HEIGHT OFFSET
DISABLED
DAYLIGHT SAVING TIME
DISABLED

SYSTEM SECURITY
CODE : 000000

IN-TANK SETUP

T 1:CLEAR DIESEL
PRODUCT CODE : 1
THERMAL COEFF : .000450
TANK DIAMETER : 111.50
TANK PROFILE : 1 PT
FULL VOL : 12062

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING : 2.0
HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 12062
OVERFILL LIMIT : 90%
: 10855
HIGH PRODUCT : 95%
: 11459
DELIVERY LIMIT : 15%
: 1809

LOW PRODUCT : 500
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 99
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 0%
: 0

LEAK MIN ANNUAL : 0%
: 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

T 2:RED DIESEL
PRODUCT CODE : 2
THERMAL COEFF : .000450
TANK DIAMETER : 112.00
TANK PROFILE : 1 PT
FULL VOL : 20002

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING : 2.0
HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 20002
OVERFILL LIMIT : 90%
: 18001
HIGH PRODUCT : 95%
: 19002
DELIVERY LIMIT : 5%
: 1000

LOW PRODUCT : 500
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 99
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 0%
: 0

LEAK MIN ANNUAL : 0%
: 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

ALARM HISTORY REPORT

----- SYSTEM ALARM -----
PAPER OUT
MAY 11, 2018 2:22 PM
PRINTER ERROR
MAY 11, 2018 2:22 PM
BATTERY IS OFF
JAN 1, 1996 8:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 1:CLEAR DIESEL

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 2:RED DIESEL

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 3:UNLEADED

LOW PRODUCT ALARM
JUN 21, 2018 4:50 PM

DELIVERY NEEDED
JUN 21, 2018 4:47 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 1:RED STP SUMP
STP SUMP

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 2:RED FILL SUMP
PIPING SUMP

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 3:DISP. 3 UDC
DISPENSER PAN

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 4:DISP. 2 UDC
DISPENSER PAN

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 5:DISP. 1 UDC
DISPENSER PAN

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 6:BULK OIL SUMP
PIPING SUMP

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 7:CLEAR FILL SUMP
PIPING SUMP

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 8:CLEAR STP SUMP
STP SUMP

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 9:WASTE OIL
PIPING SUMP

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L10:SPLIT TANK ANNULAR
ANNULAR SPACE

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L11:RED ANNULAR
ANNULAR SPACE

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L12:WASTE OIL HI ALARM
OTHER SENSORS

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L13:BULK OIL HI ALARM
OTHER SENSORS

* * * * * END * * * * * *

T 3:UNLEADED
PRODUCT CODE : 3
THERMAL COEFF : .000700
TANK DIAMETER : 36.00
TANK PROFILE : LINEAR
FULL VOL : 1034

FLOAT SIZE: 2.0 IN. 8499

WATER WARNING : 2.0
HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 1034
OVERFILL LIMIT : 90%
: 930
HIGH PRODUCT : 95%
: 982
DELIVERY LIMIT : 15%
: 155

LOW PRODUCT : 144
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 99
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

DELIVERY DELAY : 1 MIN

SOFTWARE REVISION LEVEL
VERSION 17.02
SOFTWARE# 346017-100-C
CREATED - 99.01.12.18.20

NO SOFTWARE MODULE
SYSTEM FEATURES:
PERIODIC IN-TANK TESTS
ANNUAL IN-TANK TESTS

LIQUID SENSOR SETUP

L 1:RED STP SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : STP SUMP

L 2:RED FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 3:DISP. 3 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 4:DISP. 2 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 5:DISP. 1 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 6:BULK OIL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 7:CLEAR FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L 8:CLEAR STP SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : STP SUMP

L 9:WASTE OIL
TRI-STATE (SINGLE FLOAT)
CATEGORY : PIPING SUMP

L10:SPLIT TANK ANNULAR
TRI-STATE (SINGLE FLOAT)
CATEGORY : ANNULAR SPACE

L11:RED ANNULAR
TRI-STATE (SINGLE FLOAT)
CATEGORY : ANNULAR SPACE

L12:WASTE OIL HI ALARM
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L13:BULK OIL HI ALARM
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

OUTPUT RELAY SETUP

R 1:RED SHUTDOWN
TYPE:
STANDARD
NORMALLY CLOSED

IN-TANK ALARMS
T 2:LOW PRODUCT ALARM

LIQUID SENSOR ALMS
L 1:FUEL ALARM
L 2:FUEL ALARM
L 4:FUEL ALARM
L 5:FUEL ALARM
L11:FUEL ALARM
L 1:SENSOR OUT ALARM
L 2:SENSOR OUT ALARM
L 4:SENSOR OUT ALARM
L 5:SENSOR OUT ALARM
L11:SENSOR OUT ALARM
L 1:SHORT ALARM
L 2:SHORT ALARM
L 4:SHORT ALARM
L 5:SHORT ALARM
L11:SHORT ALARM

R 3:OVERFILL ALARM
TYPE:
STANDARD
NORMALLY OPEN

IN-TANK ALARMS
ALL:OVERFILL ALARM
ALL:HIGH PRODUCT ALARM
ALL:MAX PRODUCT ALARM

R 4:CLEAR SHUTDOWN
TYPE:
STANDARD
NORMALLY CLOSED

IN-TANK ALARMS
T 1:LOW PRODUCT ALARM

IQUID SENSOR ALMS
L 3:FUEL ALARM
7:FUEL ALARM
8:FUEL ALARM
10:FUEL ALARM
3:SENSOR OUT ALARM
7:SENSOR OUT ALARM
8:SENSOR OUT ALARM
0:SENSOR OUT ALARM
3:SHORT ALARM
7:SHORT ALARM
3:SHORT ALARM
:SHORT ALARM

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT

620 South "E" Street • San Bernardino, CA 92415-0153 • (909) 386-8401 • Fax (909) 386-8460

Office of the Fire Marshal
Hazardous Materials Division
sbcfire.org

Mark A. Hartwig
Fire Chief/Fire Warden

Michael A. Horton
Fire Marshal

June 20, 2018

VULCAN MATERIALS WEST DIVISION
2400 W. HIGHLAND AVENUE
SAN BERNARDINO, CA 92407

RE: COLD START PERMIT FOR UST MONITORING SYSTEM LOCATED AT
2400 W. HIGHLAND AVE., SAN BERNARDINO, CA
FA0001676, LOG#051018-03, SR0180855

Cold Start Notification, Permit and Inspection Time Frames:
Within 5 business days, notification of cold start and reprogramming must be made to this Department.
Within 10 days of cold start, obtain a cold start permit from this Department.
Within 30 days, complete a recertification of all electrical components of the UST Monitoring System.
Failure to notify, apply for permit, or re-certify will result in double permit fee (2X$747).

Required Attachments:

- Proof of Notification
- Scope of Work describing circumstances and required repair
- Certifications for Technician who reprogrammed monitoring panel
  - UST Contractors License (A-HAZ
  - ICC CA UST Service Technician (#5263352, Exp. 9/8/2019)
  - Manufacturer Certification (i.e., Veeder Root Start Up & Service Technician, VMI)

Approval Conditions
This conditional approval is for the rebooting and reprogramming of an existing UST monitoring panel due to a cold start.
A witness final inspection must be completed within 30 days of plan approval.

- If applicable, demonstration that back-up battery on Veeder Root monitoring panel is charged to 3.6 volts.
- Verification that all electronic leak detection monitoring equipment controlled by UST monitoring panel has been properly programmed and is functional.
- Verification of sensor out, failsafe, and emergency shut off.
- Correct all outstanding violations.
- If the facility is within 90 days of the annual certification anniversary, the facility may elect to test line leak detectors and spill bucket at the final and reset annual monitoring certification date.
- Additional testing may be requested at the discretion of the inspector.

Contractors, and their employees, must possess all required licenses and certifications for the work being conducted, or the work will not be approved. Present all required certifications at any inspection upon request. All work shall be conducted per manufacturer installation guidelines.

Due to high demand for UST inspection scheduling, be advised that any requests for inspection should be made as soon as possible. All UST inspectors are fully scheduled 10 business days into the future. To schedule an inspection call (909) 386-8464.

Emily Grimes, REHS, ICC-UI
HAZARDOUS MATERIALS SPECIALIST
UST PROGRAM

Cc: Petrotech Service, 31080 Park Blvd., Nuevo, CA 92567

BOARD OF DIRECTORS

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FF16716

Secondary Containment Testing Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	VULCAN	Date of Testing:	1/26/18
Facility Address:	2400 W HIGHLAND AVE SAN BERNARDINO CA		
Facility Contact:		Phone:	
Date Local Agency Was Notified of Testing :			
Name of Local Agency Inspector *(if present during testing)*:	NOT PRESENT		

2. TESTING CONTRACTOR INFORMATION

Company Name:	A&P COMPLIANCE TESTING		
Technician Conducting Test:	PAULO MAGANA		
Credentials:	☐ CSLB Licensed Contractor	X SWRCB Licensed Tank Tester	
License Type:		License Number: 03-1644	

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
4 ½ VACUUM GAUGE	ICC SERVICE TECH	3/10/19
4 ½ PRESSURE GAUGE	SUMP TEST SYSTEM OPERATION CERT	6/17/19
INCON	BLUE LINE CERT	6/10/19

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
CLEAR DSL STP	☒	☐	☐	☐	RED DSL UDC 1	☒	☐	☐	☐
CLEAR DSL FILL SUMP	☒	☐	☐	☐		☐	☐	☐	☐
CLEAR DSL FILL BK	☒	☐	☐	☐		☐	☐	☐	☐
CLEAR DSL SECONDARY PRODUCT LINE	☒	☐	☐	☐		☐	☐	☐	☐
CLEAR DSL / WASTEL OIL TANK ANN	☒	☐	☐	☐		☐	☐	☐	☐
RED DSL STP	☒	☐	☐	☐		☐	☐	☐	☐
RED DSL FILL SUMP	☒	☐	☐	☐		☐	☐	☐	☐
RED DSL FILL BK	☒	☐	☐	☐		☐	☐	☐	☐
RED DSL SECONDARY PRODUCT LINE	☒	☐	☐	☐		☐	☐	☐	☐
RED DSL TANK ANN	☒	☐	☐	☐		☐	☐	☐	☐
UDC CLEAR DSL 1	☒	☐	☐	☐		☐	☐	☐	☐
UDC CLER DSL 2	☒	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

LEFT ON SITE

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: _____ Date: 1-26-18

Emailed 5/11/18 DATA

4. TANK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer ☒ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*		
Test Method Used:	☐ Pressure ☒ Vacuum ☐ Hydrostatic ☐ Other *(Specify)*		
Test Equipment Used: 4 ½ VACUUM GAUGE		Equipment Resolution: 25% ACCURACY	

	Tank # CLEAR DSL / WASTEL OIL	Tank #RED DSL	Tank #	Tank #
Is Tank Exempt From Testing?[1]	☐ Yes ☒ No	☐ Yes ☒ No	☐ Yes ☐ No	☐ Yes ☐ No
Tank Capacity:	20K	20K		
Tank Material:	FIBERGLASS	FIBERGLASS		
Tank Manufacturer:				
Product Stored:	CLEAR DSL / WASTEL OIL	RED DSL		
Wait time between applying pressure/vacuum/water and starting test:	10 MIN	10 MIN		
Test Start Time:	10:00	10:00		
Initial Reading (R_I):	-10	-10		
Test End Time:	12:00	12:00		
Final Reading (R_F):	-10	-10		
Test Duration:	2 HR	2 HR		
Change in Reading (R_F-R_I):	0	0		
Pass/Fail Threshold or Criteria:	NO	ALLOWABLE	VACUUM	LESS
Test Result:	☒ **Pass** ☐ **Fail**	☒ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Was sensor removed for testing?	☐ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. {California Code of Regulations, Title 23, Section 2637(a)(6)}

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☒ Industry Standard ☐ Other *(Specify)*	☐ Professional Engineer
Test Method Used:	☒ Pressure	☐ Vacuum ☐ Other *(Specify)*	☐ Hydrostatic
Test Equipment Used: 4 ½ PREESURE GAUGE		Equipment Resolution: 25% ACCURACY	

	Piping Run # DSL CLEAR PRODUCT	Piping Run # DSL RED PRODUCT	Piping Run #	Piping Run #
Piping Material:	FIBERGLASS	FIBERGLASS		
Piping Manufacturer:	SMITH	SMITH		
Piping Diameter:	3"	3"		
Length of Piping Run:	60 FT	60 FT		
Product Stored:	DSL CLEAR	RED DSL		
Method and location of piping-run isolation:	TEST BOTT @STP SUMP	TEST BOTT @STP SUMP	TEST BOTT @STP SUMP	TEST BOTT @STP SUMP
Wait time between applying pressure/vacuum/water and starting test:	10 MIN	10 MIN		
Test Start Time:	12:00	12:00		
Initial Reading (R_I):	5	5		
Test End Time:	13:00	13:00		
Final Reading (R_F):	5	5		
Test Duration:	1 HR	1HR		
Change in Reading (R_F-R_I):	0	0		
Pass/Fail Threshold or Criteria:	NO	ALLOWABLE	PRESSURE	LESS
Test Result:	☒ **Pass** ☐ **Fail**	☒ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	☒ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: IN CON		Equipment Resolution: -/+0.002	

	Sump # CLEAR DSL	Sump # RED DSL	Sump #	Sump #
Sump Diameter:	48"	48"		
Sump Depth:	6 FT	6 FT		
Sump Material:	FIBERGLASS	FIBERGLASS		
Height from Tank Top to Top of Highest Piping Penetration:	10 "	14"		
Height from Tank Top to Lowest Electrical Penetration:	10"	8"		
Condition of sump prior to testing:	CLAEN	CLEAN		
Portion of Sump Tested[1]	4" ABOVE	THE	HIGHEST	PENETRATION
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Turbine shutdown response time	N/A	N/A	N/A	N/A
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Wait time between applying pressure/vacuum/water and starting test:	10 MIN	10 MIN	10 MIN	10 MIN
Test Start Time:	9:24	9:24		
Initial Reading (R_I):	2.9846	3.8805		
Test End Time:	9:39	9:39		
Final Reading (R_F):	2.9853	3.8803		
Test Duration:	15 MIN TEST	15 MIN TEST	15 MIN TEST	15 MIN TEST
Change in Reading (R_F-R_I):	-0.0007	0.0002		
Pass/Fail Threshold or Criteria:	-/+0.002	-/+0.002	-/+0.002	-/+0.002
Test Result:	☒ Pass ☐ Fail	☒ Pass ☐ Fail	☐ Pass ☐ Fail	☐ Pass ☐ Fail
Was sensor removed for testing?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

7. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer ☒ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*			
Test Method Used:	☐ Pressure ☐ Vacuum ☒ Hydrostatic ☐ Other *(Specify)*			
Test Equipment Used: IN CON			Equipment Resolution: -/+0.002	
	UDC # CLEAR DSL 1	**UDC # CLEAR DSL 2**	**UDC # RED DSL**	
UDC Manufacturer:	BRAVO BOX	BRAVO BOX	BRAVO BOX	
UDC Material:	FIBERGLASS	FIBERGLASS	FIBERGLASS	
UDC Depth:	2 FT	2 FT	2 FT	
Height from UDC Bottom to Top of Highest Piping Penetration:	3"	2"	4"	
Height from UDC Bottom to Lowest Electrical Penetration:	2"	1"	3"	
Condition of UDC prior to testing:	CLEAN	CLEAN	CLEAN	
Portion of UDC Tested[1]	**4" ABOVE**	**THE**	**HIGHEST**	**PENETRATION**
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Turbine shutdown response time	N/A	N/A	N/A	N/A
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Wait time between applying pressure/vacuum/water and starting test	10 MIN	10 MIN	10 MIN	10 MIN
Test Start Time:	9:46	9:46	10:11	
Initial Reading (R_I):	2.3642	1.0849	4.5659	
Test End Time:	10:01	10:01	10:26	
Final Reading (R_F):	2.3637	1.0849	4.5661	
Test Duration:	15 MIN TEST	15 MIN TEST	15 MIN TEST	15 MIN TEST
Change in Reading (R_F-R_I):	0.0005	0.0000	-0.0002	
Pass/Fail Threshold or Criteria:	**-/+0.002**	**-/+0.002**	**-/+0.002**	**-/+0.002**
Test Result:	☒ **Pass** ☐ **Fail**	☒ **Pass** ☐ **Fail**	☒ **Pass** ☐ **Fail**	☒ **Pass** ☐ **Fail**
Was sensor removed for testing?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐			
Fill Riser Containment Sumps are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Sump Manufacturer	☒ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☒ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: IN CON		Equipment Resolution: -/+ 0.002	

	Fill Sump # CLEAR DSL	Fill Sump # RED DSL	Fill Sump # WASTEL OIL	Fill Sump #
Sump Diameter:	48"	48"	48"	
Sump Depth:	6 FT	6 FT	6 FT	
Height from Tank Top to Top of Highest Piping Penetration:	7"	9"	10"	
Height from Tank Top to Lowest Electrical Penetration:	6"	7"	5"	
Condition of sump prior to testing:	CLEAN	CLEAN	CLEAN	
Portion of Sump Tested	**4" ABOVE**	**THE**	**HIGHEST**	**PENETRATION**
Sump Material:	FIBERGLASS	FIBERGALSS	FIBERGLASS	
Wait time between applying pressure/vacuum/water and starting test:	10 MIN	10MIN	10 MIN	
Test Start Time:	9:24	9:24	**10:11**	
Initial Reading (R_I):	2.0586	3.1469	**4.6946**	
Test End Time:	9:39	9:39	**10:26**	
Final Reading (R_F):	2.0580	3.1469	**4.6939**	
Test Duration:	**15 MIN TEST**	**15 MIN TEST**	**15 MIN TEST**	**15 MIN TEST**
Change in Reading (R_F-R_I):	0.0006	0.0000	**0.0007**	
Pass/Fail Threshold or Criteria:	**-/+0.002**	**-/+0.002**	**-/+0.002**	**-/+0.002**
Test Result:	☒ **Pass** ☐ **Fail**	☒ **Pass** ☐ **Fail**	☒ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Is there a sensor in the sump?	☒ Yes ☐ No	☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☐ No
Does the sensor alarm when either product or water is detected?	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☒ NA	☐ Yes ☐ No ☐ NA
Was sensor removed for testing?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☒ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐				
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer	☒ Industry Standard	☐ Professional Engineer	☐ Other *(Specify)*
Test Method Used:	☐ Pressure	☐ Vacuum	☒ Hydrostatic	☐ Other *(Specify)*
Test Equipment Used: IN CON		Equipment Resolution: /-+ 0.002		

	Spill Box # CLEAR DSL	**Spill Box # RED DSL**	**Spill Box # WASTEL OIL**	**Spill Box #**
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	12"	12"	12"	
Wait time between applying pressure/vacuum/water and starting test:	10MIN	10 MIN	10MIN	10 MIN
Test Start Time:	9:46	9:46	10:11	
Initial Reading (R_I):	3.5796	2.8148	5.4683	
Test End Time:	10:01	10:01	10:26	
Final Reading (R_F):	3.5797	2.8143	5.4682	
Test Duration:	15 MIN TEST	15 MIN TEST	15 MIN TEST	15 MIN TEST
Change in Reading (R_F-R_I):	-0.0001	0.0005	0.0001	
Pass/Fail Threshold or Criteria:	**-/+0.002**	**-/+0.002**	**-/+0.002**	**-/+0.002**
Test Result:	☒ **Pass** ☐ **Fail**	☒ **Pass** ☐ **Fail**	☒ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

VULCAN MATERIALS
2400 W HIGHLAND AVE
SAN BERNARDINO CA

01/26/2018 9:39 AM

SUMP LEAK TEST REPORT

CDSLSTP

TEST STARTED	9:24 AM
TEST STARTED	01/26/2018
BEGIN LEVEL	2.9846 IN
END TIME	9:39 AM
END DATE	01/26/2018
END LEVEL	2.9853 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

CDSLFS

TEST STARTED	9:24 AM
TEST STARTED	01/26/2018
BEGIN LEVEL	2.0586 IN
END TIME	9:39 AM
END DATE	01/26/2018
END LEVEL	2.0580 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

RDSLSTP

TEST STARTED	9:24 AM
TEST STARTED	01/26/2018
BEGIN LEVEL	3.8805 IN
END TIME	9:39 AM
END DATE	01/26/2018
END LEVEL	3.8803 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

RDSLFS

TEST STARTED	9:24 AM
TEST STARTED	01/26/2018
BEGIN LEVEL	3.1469 IN
END TIME	9:39 AM
END DATE	01/26/2018
END LEVEL	3.1469 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

VULCAN MATERIALS
2400 W HIGHLAND AVE
SAN BERNARDINO CA

01/26/2018 10:01 AM

SUMP LEAK TEST REPORT

CDSLFBK

TEST STARTED	9:46 AM
TEST STARTED	01/26/2018
BEGIN LEVEL	3.5796 IN
END TIME	10:01 AM
END DATE	01/26/2018
END LEVEL	3.5797 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

CUDC1

TEST STARTED	9:46 AM
TEST STARTED	01/26/2018
BEGIN LEVEL	2.3642 IN
END TIME	10:01 AM
END DATE	01/26/2018
END LEVEL	2.3637 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

RDSLFBK

TEST STARTED	9:46 AM
TEST STARTED	01/26/2018
BEGIN LEVEL	2.8148 IN
END TIME	10:01 AM
END DATE	01/26/2018
END LEVEL	2.8143 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

CUDC2

TEST STARTED	9:46 AM
TEST STARTED	01/26/2018
BEGIN LEVEL	1.0849 IN
END TIME	10:01 AM
END DATE	01/26/2018
END LEVEL	1.0849 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

VULCAN MATERIALS
2400 W HIGHLAND AVE
SAN BERNARDINO CA

01/26/2018 10:26 AM

SUMP LEAK TEST REPORT

RUDC3

TEST STARTED	10:11 AM
TEST STARTED	01/26/2018
BEGIN LEVEL	4.5659 IN
END TIME	10:26 AM
END DATE	01/26/2018
END LEVEL	4.5661 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WASTESM

TEST STARTED	10:11 AM
TEST STARTED	01/26/2018
BEGIN LEVEL	4.6946 IN
END TIME	10:26 AM
END DATE	01/26/2018
END LEVEL	4.6939 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WASTFBK

TEST STARTED	10:11 AM
TEST STARTED	01/26/2018
BEGIN LEVEL	5.4683 IN
END TIME	10:26 AM
END DATE	01/26/2018
END LEVEL	5.4682 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

SAN BERNARDINO COUNTY FIRE DEPARTMENT
OFFICE OF THE FIRE MARSHAL
UNDERGROUND STORAGE TANK PROGRAM
SUBMITTAL CHECKLIST

MINOR UST MODIFICATIONS

(No excavation required)

GENERAL REQUIREMENTS

1. ✓ UST Modification Permit Application (separate form)
2. ✓ Payment (all operating fees must be current)
3. ✓ Plans/Scope of Work (3 set minimum)
4. ✓ Contractor/Technician Certifications and Manufacturer Certifications (1 set) [1]

REQUIREMENTS FOR PLANS AND SCOPE OF WORK

1. ✓ Project name, street address and city
2. ✓ Project contact name, address, and phone number (Architect, Contractor, etc.)
3. ✓ Site Plan - overview of site with cross streets, north arrow, property boundaries, and surrounding buildings
4. ✓ UST locations, dispensers, piping shall also be depicted as accurately as possible
5. ✓ Complete Scope of Work
6. ✓ Drawings of components to be modified or installed
7. ✓ Specification sheets or component list that includes manufacturer, model number, quantity and key to location shown on plans
8. N/A If the scope of work is related to an SB989 repair, provide a copy of SB989 test results

CONTRACTOR/TECHNICIAN CERTIFICATIONS

1. ✓ Contractors State License Board (CSLB) license [1]
2. ✓ Certificate of Liability Insurance - Workers Compensation and Employers' Liability
3. ✓ International Code Council (ICC) UST Installation/Retrofitting
4. ✓ ICC CA UST Service Technician
5. ✓ Manufacturer Certifications applicable to the monitoring system being installed
6. ✓ Manufacturer Certifications for each component to be modified or installed
   - Example A: A flex connector replacement would need a certification for the new product (e.g., FLEX-ING™ for installation of FIREFLEX Flexible Connectors).
   - Example B: A sump or UDC penetration repair may require a manufacturer certification depending on the part used (e.g., Bravo, ICON, OPW, or NOV).
   - Example C: Shear valve replacement may require the contractor submit the certification for the brand to be used (e.g., OPW).

These are the minimum general requirements for minor modification plan check submittal. Additional requirements may be required upon plan check review.

[1] http://sbcfire.org/hazmat/forms/20090501_sbcfire_verifying_UST_contractor_licensing2009.pdf



PACIFIC COMPLIANCE SERVICES

Fuel System Services, Testing & Inspections

P.O. Box 294808

Phelan, California 92329

714.240.3674 Fax 888.906.0067

SERVICE ORDER

Service Order No.	
Date of Service	5/4/18
Technician	PHILIP
PO Number	

Bill To	Site ID /Type: VULCAN
Address	Address: 2400 HIGHLAND AVE
City, Zip Code	City, Zip Code: SAN BERNARDINO
Service Requested / Ordered By	Site Contact: RAUL
Phone / Fax	Phone

System Manufacturer: V/R Model: TLS-350 Serial Number:

Tank #	Product/Size	TLM Probe	Annular Sensor	Fill Sump Sensor	Turb. / Piping Sump Sensor	Disp. Contmt Sensor	Line Pressure	Misc. Sensors	Other

System Certified	System PSD	System Running	Seal Attached	Job Complete
Yes / No	Yes / No	Yes / No	Yes / No	Yes / No**

Description of Work Performed: Annual Monitoring System Certification Yes No

FOUND SYSTEM IN WARM START LOOP, TESTED BATTERY BAD, REPLACED BATTERY, REPROGRAMMED SYSTEM, NOTIFIED COUNTY OF COLD START

CUSTOMER REQUESTS NEW 8' VENTURI HOSE FOR UNLEADED

RECEIVED MAY 10 2018 By

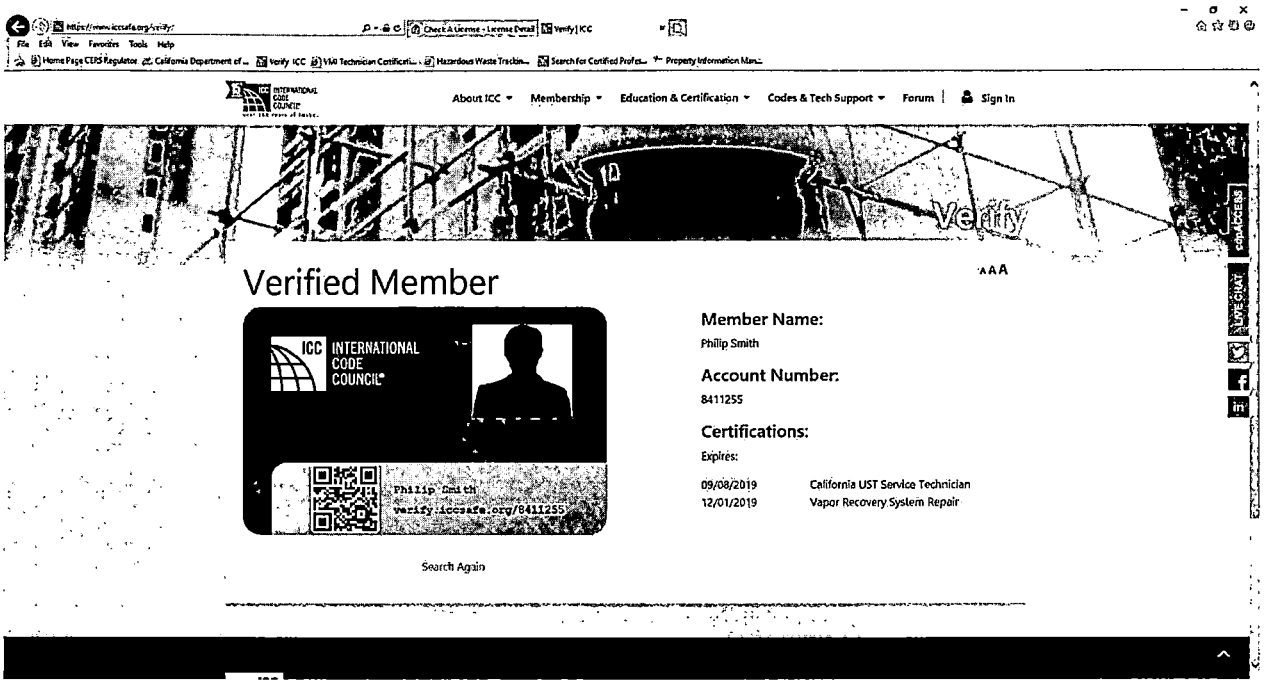
System operating to manufacturer's specification upon departure? Yes No

Labor	Hours	Rate
REGULAR		
OVERTIME		
TRAVEL		
MILEAGE		

Materials		
Quantity	Description	Est. Item Cost

Customers Signature	Date	Time Arrived	Time Departed

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About ICC
Membership
Education & Certification
Codes & Tech Support
Forum
Sign In
Verify
Verified Member
AAA
ICC INTERNATIONAL CODE COUNCIL
Member Name:
Philip Smith
Account Number:
8411255
Certifications:
Expires:
09/08/2019 California UST Service Technician
12/01/2019 Vapor Recovery System Repair
Search Again

Certificate of Completion

Philip Smith

Has satisfactorily completed:

Veeder-Root TLS-3XX Technician Recertification Course

Acquired On:
27-JAN-2018

Becky Anderson

Becky Anderson, Manager, Service NPI

GILBARCO
VEEDER-ROOT

Vmi

Vaporless Manufacturing, Inc.
8700 East Long Mesa Drive
Prescott Valley, AZ 86314

Authorized Catastrophic Testing Technician
Vaporless LDT-890 Tester

Petrotech Service
Philip Smith #3231
Expires 01/20/2019
Authorized By

Vmi

Vaporless Manufacturing, Inc.
8700 East Long Mesa Drive
Prescott Valley, AZ 86314

Authorized Installation Technician
Mechanical Line Leak Detector

Petrotech Service
Philip Smith #3230
Expires 01/20/2019
Authorized By

STATE OF CALIFORNIA

dca

DEPARTMENT OF CONSUMER AFFAIRS

CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE

License Number **991520**

Entity INDIV

Business Name PETROTECH SERVICE

-AZ

03/31/2018

www.cslb.ca.gov

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 04/16/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER 817-640-5035 Monroe & Monroe Insurance Agency, Ltd. 2921 Galleria Dr., Suite 102 Arlington, TX 76011 Chris Monroe, CIC	CONTACT NAME: Chris Monroe, CIC PHONE (A/C, No, Ext): 817-640-5035 FAX (A/C, No): 817-640-0131 E-MAIL ADDRESS: cmonroe@monroe-monroe.com
	INSURER(S) AFFORDING COVERAGE — NAIC # INSURER A: Great American Ins Cos. — 22136
INSURED Philip Smith, dba: Petrotech Service 31080 Park Blvd. Neuvo, CA 92567	INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$ 1,000,000
	[ ] CLAIMS-MADE [X] OCCUR			02GL994899	04/15/2018	04/15/2019	DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
	X Pollution Liab						MED EXP (Any one person)	$ 0
	X Professional Liab						PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	X POLICY [ ] PRO-JECT [ ] LOC						PRODUCTS - COMP/OP AGG	$ 2,000,000
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	[ ] ANY AUTO						BODILY INJURY (Per person)	$
	[ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	[ ] HIRED AUTOS ONLY [ ] NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	[ ] UMBRELLA LIAB [ ] OCCUR						EACH OCCURRENCE	$
	[ ] EXCESS LIAB [ ] CLAIMS-MADE						AGGREGATE	$
	[ ] DED [ ] RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N						[ ] PER STATUTE [ ] OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? [ ] N/A (Mandatory in NH)						E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

PACIFI3

Pacific Compliance Services
John Minnock
P.O. Box 294808
Phelan, CA 92392

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

C Monroe

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Philip B. Smith
Technician #A30819

Veeder-Root Startup & Service Technician (Level 4)
in
TLS-3XX UST Monitoring Systems
(including Secondary Containment Vacuum Sensing - CA only)

2/3/2016

2/2/2018



philsmith1936@gmail.com (Look up by email)
Exp. 9/8/2019

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CONTRACTORS STATE LICENSE BOARD

Contractor's License Detail for License # 991520

DISCLAIMER: A license status check provides information taken from the CSLB license database. Before relying on this information, you should be aware of the following limitations.

CSLB complaint disclosure is restricted by law (B&P 7124.6) If this entity is subject to public complaint disclosure, a link for complaint disclosure will appear below. Click on the link or button to obtain complaint and/or legal action information.
Per B&P 7071.17 , only construction related civil judgments reported to the CSLB are disclosed.
Arbitrations are not listed unless the contractor fails to comply with the terms of the arbitration.
Due to workload, there may be relevant information that has not yet been entered onto the Board's license database.

Data current as of 5/7/2018 6:14:16 PM

Business Information

PETROTECH SERVICE
31080 PARK BLVD
NUEVO, CA 92567
Business Phone Number:(951) 210-5745

Entity Sole Ownership
Issue Date 03/22/2014
Expire Date **03/31/2020**

License Status

This license is current and active.

All information below should be reviewed.

Classifications

A - GENERAL ENGINEERING CONTRACTOR

Certifications

HAZ - HAZARDOUS SUBSTANCES REMOVAL

Bonding Information

Contractor's Bond

This license filed a Contractor's Bond with HUDSON INSURANCE COMPANY.
Bond Number: 30009945
Bond Amount: $15,000
Effective Date: 03/07/2016
Contractor's Bond History

Workers' Compensation

This license is exempt from having workers compensation insurance; they certified that they have no employees at this time.
Effective Date: 03/06/2018
Expire Date: None
Workers' Compensation History

MARCH 16, 2009

SAN BERNARDINO COUNTY FIRE DEPARTMENT
OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
5620 SOUTH E STREET
SAN BERNARDINO, CA 92415

ATTN ANGELA SAMAYOA

SITE: VULCAN MATERIALS – 2400 HIGHLAND, CA

RE: SB-989 REPAIRS

REFERENCING THE VULCAN MATERIALS SITE LISTED ABOVE, THIS LETTER SERVES TO REQUEST YOUR PERMISSION TO CONDUCT MISCELLANEOUS REPAIRS AND ADDITIONAL INVESTIGATIVE TESTING TO ADDRESS THE FAILURES OF THE SECONDARY CONTAINMENT TESTING THAT WAS PERFORMED JAN. 23, 2009 (COPY ATTACHED).

WE ARE PROPOSING TO INSTALL BLUELINE SPLIT BOOT REPAIR FITTINGS AND THEN RETEST EACH FAILED COMPONENT TO DETERMINE IF THE REPAIR WAS EFFECTIVE.

I UNDERSTAND THAT IF WE BREAK PIPE, EXCAVATE OR PERFORM REPAIRS OTHER THAN LISTED ABOVE THAT WE ARE TO PREPARE DETAILED TECHNICAL PLANS AND SECURE A PERMIT FROM YOUR DEPARTMENT.

FOR YOUR CONVENIENCE I AM ATTACHING A SMALL SITE PLAN OF THE FACILITY TANK AREA AND CONTRACTOR INFORMATION FOR PACIFIC SYSTEMS ELECTRIC. IF YOU HAVE ANY QUESTIONS, OR REQUIRE ADDITIONAL INFORMATION, PLEASE GIVE ME A CALL.

GREG ROBERTS
CARBONTECH

* Replace test boot only
* Investigate SB 989..

SAN BERNARDINO COUNTY FIRE
HAZARDOUS MATERIALS DIVISION
It is unlawful to make any changes or alterations of these plans without the approval of the Hazardous Materials Division. The approval of this plan and specifications SHALL NOT be construed to permit the violation of any law. See the attached list of Division conditions.

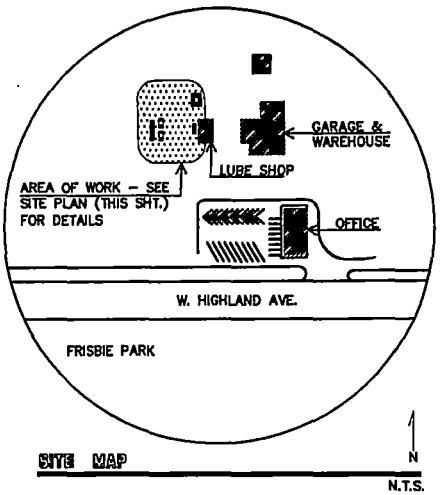
PLANS APPROVED
AS CORRECTED
Date 8 APR 2009
SAN BERNARDINO COUNTY FIRE
Hazardous Materials Division
By A. Samayoa REHS

RECEIVED
MAR 16 2009
S.B. CO. FIRE DEPT.

* witnessed soil sampling required if breaking concrete.
* SB 989 retest required of all previously failed components at Final.

IOA# 031709-03 FA 16760 (FIRE COPY)

2 x for Contractor.



SITE MAP

N.T.S.

SITE ADDRESS:

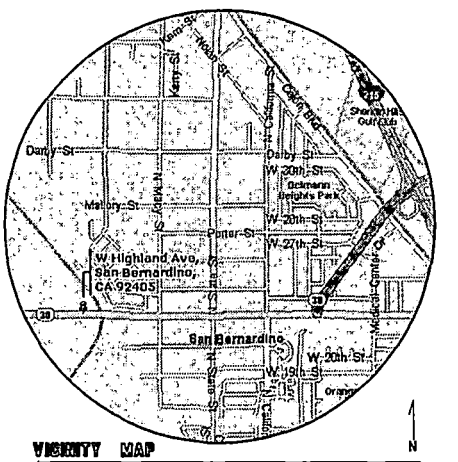
VULCAN MATERIALS
2400 W. HIGHLAND AVE.
SAN BERNARDINO, CA 92407

PHONE: 909-875-1150
CONTACT: DARRYL CHARLESTON

CONTRACTOR:

PACIFIC SYSTEMS ELECTRIC
38330 VIA LA PALOMA
MURRIETA, CA 92563

TESTING TECHNICIAN: EARL D. JONES
I.C.C. CERTIFICATE # 5250377-UI
CA. LIC. # 561275 CLASS A-HAZ
PHONE: 877-878-8265

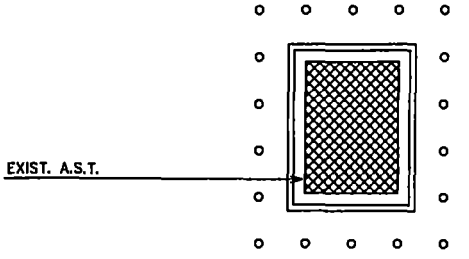


VICINITY MAP

N.T.S.

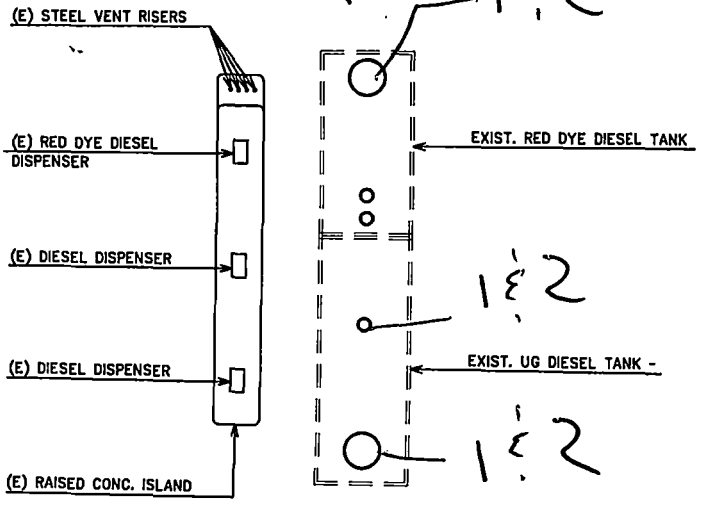
SCOPE OF WORK
(1) INSTALL BLUELINE SPLIT BOOT REPAIR FITTINGS.
(2) PROVIDE HYDROSTATIC RESTING TO DETERMINE INTEGRITY OF REPAIR.
(3)
(4)
(5)

Schematic Not Correct T.C 7/9/11



3 compartments

1 tank



SITE PLAN

NORTH

SCALE: 1/8" = 1'-0"

memo

UST TEST RESULTS

To: San Bernardino County Fire Department
Hazardous Materials Division UST
620 S. "E" Street
San Bernardino, CA 92415-0153

From: John Minnock
714-713-9529

Date: 7/12/2017

Re: **Monitor Certification Test Results** – *9pages*
Vulcan Materials Co.
2509 West Rosecrans Ave2400 W. Highland
San Bernardino, CA

ENTERED
JUL 17 2017
BY:

RECEIVED
JUL 13 2017
S.B. CO. FIRE DEPT.

(P) 10-76

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Vulcan_Materials_Co. Bldg. No.:

Site Address: 2400_W._Highland City: San_Bernardino Zip:

Facility Contact Person: Contact Phone No.: ( )

Make/Model of Monitoring System: Veeder_Root_TLS-350 Date of Testing/Servicing: 6_/_27_/_2017

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: _1___Clear_Diesel	**Tank ID:** _2___Red Dye Diesel
x In-Tank Gauging Probe. Model: _847390-109	x In-Tank Gauging Probe. Model: _847390-109
x Annular Space or Vault Sensor. Model: _794390-420	x Annular Space or Vault Sensor. Model: _794390-420
x Piping Sump / Trench Sensor(s). Model: _794380-208	x Piping Sump / Trench Sensor(s). Model: _794380-208
x Fill Sump Sensor(s). Model: _794380-208	x Fill Sump Sensor(s). Model: _794380-208
x Mechanical Line Leak Detector. Model: _VMI LD-2000	x Mechanical Line Leak Detector. Model: _VMI LD-2000
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
x Tank Overfill / High-Level Sensor. Model: _847390-709	x Tank Overfill / High-Level Sensor. Model: _847390-109
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: __3_Waste Oil	**Tank ID:** __4_New_Oil
☐ In-Tank Gauging Probe. Model:	☐ In-Tank Gauging Probe. Model:
x Annular Space or Vault Sensor. Model: _794390-420	x Annular Space or Vault Sensor. Model: _794390-420
☐ Piping Sump / Trench Sensor(s). Model:	x Piping Sump / Trench Sensor(s). Model: _794380-208
x Fill Sump Sensor(s). Model: _794380-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
x Tank Overfill / High-Level Sensor. Model: _794390-420	x Tank Overfill / High-Level Sensor. Model: _794390-420
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: ___Disp. 1	**Dispenser ID:**
x Dispenser Containment Sensor(s). Model: _794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: ___Disp. 2	**Dispenser ID:**
x Dispenser Containment Sensor(s). Model: _794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: __Disp.3	**Dispenser ID:**
x Dispenser Containment Sensor(s). Model: _794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*:** x **System set-up** x **Alarm history report**

Technician Name (print): Philip B. Smith Signature: Philip Smith

Certification No.: A30819, ICC 5263352 License. No.: 991520

Testing Company Name: Petrotech Service Phone No.:(951) 210-5745

Testing Company Address: 31080 Park Blvd. Nuevo, Ca. 92567 Date of Testing/Servicing: 6_/_27_/_2017

RECEIVED
JUL 13 2017
S.B. CO. FIRE DEPT.

F. In-Tank Gauging / SIR Equipment:

x Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD): Check this box if LLDs are not installed.

Complete the following checklist:

x Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: x 3 g.p.h.; ☐0.1 g.p.h ; ☐0.2 g.p.h.
x Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
x Yes	☐ No*	Was the testing apparatus properly calibrated?
x Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* x N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
x Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

D. Results of Testing/Servicing

Software Version Installed: _____17.02_____

Complete the following checklist:

x Yes	☐ No*	Is the audible alarm operational?
x Yes	☐ No*	Is the visual alarm operational?
x Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
x Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* x N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
x Yes	☐ No* ☐ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* x Sump/Trench Sensors; x Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? x Yes; ☐No.
x Yes	☐ No* ☐ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? ___90___%
☐ Yes*	x No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
x Yes*	☐ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐Product; ☐Water. If yes, describe causes in Section E, below.
x Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
x Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

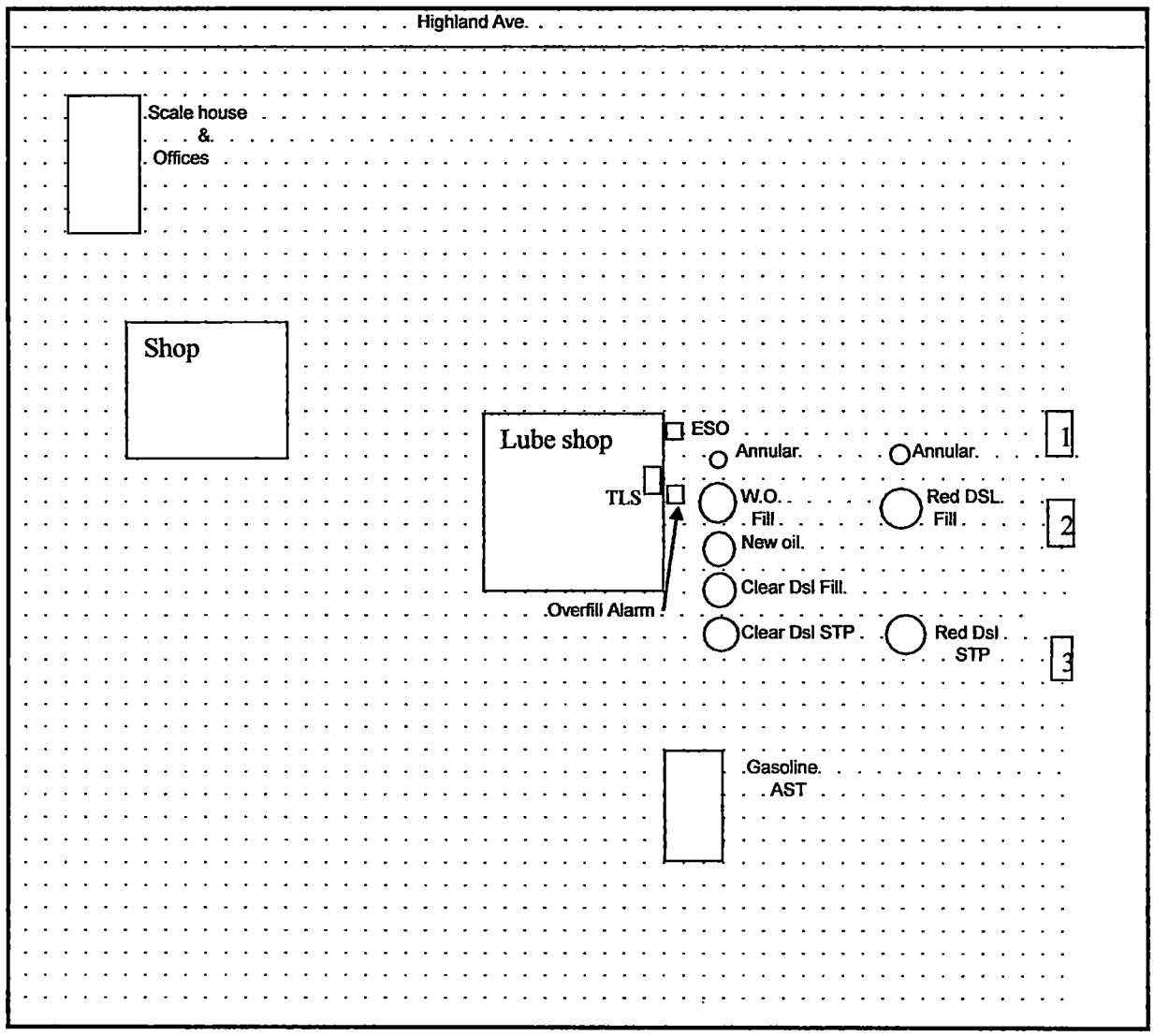
*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: _____

Monitoring System Certification

UST Monitoring Site Plan

Site Address: _____



Date map was drawn: _7_/_6_/_2017___.

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

SWRCB, January 2006

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials Co.	Date of Testing:	6/27/2017
Facility Address:	2400 W. Highland, San Bernardino		
Facility Contact:		Phone:	
Date Local Agency Was Notified of Testing :			
Name of Local Agency Inspector *(if present during testing)*: Adrian			

2. TESTING CONTRACTOR INFORMATION

Company Name:	Petrotech Service
Technician Conducting Test:	Philip B. Smith
Credentials[1]:	X CSLB Contractor XICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)* _____
License Number(s):991520	5263352

3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	x Hydrostatic	☐ Vacuum	☐ Other	
Test Equipment Used:Visual			Equipment Resolution:	
Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**1 Diesel**	**2Red Diesel**	**3Waste Oil**	**4**
Bucket Installation Type:	☐ Direct Bury x Contained in Sump	☐ Direct Bury x Contained in Sump	☐ Direct Bury x Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	16"	
Bucket Depth:	12"	12"	12"	
Wait time between applying vacuum/water and start of test:	10 minutes	10 minutes	10 minutes	
Test Start Time (T_I):	8:00 A.M.	8:00 A.M.	8:00 A.M.	
Initial Reading (R_I):	11"	11"	15"	
Test End Time (T_F):	9:00 A.M.	9:00 A.M.	9:00 A.M.	
Final Reading (R_F):	11"	11"	15"	
Test Duration ($T_F - T_I$):	1 hour	1 hour	1 hour	
Change in Reading ($R_F - R_I$):	0	0	0	
Pass/Fail Threshold or Criteria:	0 drop	0 drop	0 drop	
Test Result:	**x Pass ☐ Fail**	**x Pass ☐ Fail**	**x Pass ☐ Fail**	**☐ Pass ☐ Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: Philip Smith Date: 6/27/2017

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

SYSTEM SETUP

JUN 27, 2017 7:32 AM

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH
SYSTEM DATE/TIME FORMAT
MON DD YYYY HH:MM:SS xM

VULCAN
2400 W. HIGHLAND
SAN BERNARDINO,CA

SHIFT TIME 1 : DISABLED
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

TANK PERIODIC WARNINGS
DISABLED
TANK ANNUAL WARNINGS
DISABLED
LINE PERIODIC WARNINGS
DISABLED
LINE ANNUAL WARNINGS
DISABLED

PRINT TC VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F): 60.0
STICK HEIGHT OFFSET
DISABLED
DAYLIGHT SAVING TIME
ENABLED
START DATE
MAR WEEK 2 SUN
START TIME
2:00 AM
END DATE
NOV WEEK 1 SUN
END TIME
2:00 AM

SYSTEM SECURITY
CODE : 000000

IN-TANK SETUP

T 1:CLEAR DIESEL
PRODUCT CODE : 1
THERMAL COEFF :.000450
TANK DIAMETER : 111.50
TANK PROFILE : 1 PT
FULL VOL : 12062

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING : 2.0
HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 11900
OVERFILL LIMIT : 90%
: 10710
HIGH PRODUCT : 95%
: 11305
DELIVERY LIMIT : 15%
: 1809

LOW PRODUCT : 1500
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 99
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 0%
: 0

LEAK MIN ANNUAL : 0%
: 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

T 2:RED DIESEL
PRODUCT CODE : 2
THERMAL COEFF :.000450
TANK DIAMETER : 112.00
TANK PROFILE : 1 PT
FULL VOL : 20002

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING : 2.0
HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 19800
OVERFILL LIMIT : 90%
: 17820
HIGH PRODUCT : 95%
: 18810
DELIVERY LIMIT : 5%
: 1000

LOW PRODUCT : 500
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 99
TANK TILT :- 0.20

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 0%
: 0

LEAK MIN ANNUAL : 0%
: 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

ALARM HISTORY REPORT

----- SYSTEM ALARM -----
PAPER OUT
JUN 3, 2017 11:31 AM
PRINTER ERROR
JUN 3, 2017 11:31 AM
BATTERY IS OFF
JAN 1, 1996 8:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 1:CLEAR DIESEL

OVERFILL ALARM
JUN 29, 2016 9:11 AM
JUL 1, 2014 10:16 AM
JUL 5, 2013 10:33 AM

LOW PRODUCT ALARM
SEP 26, 2015 5:00 PM
NOV 24, 2010 3:44 PM

HIGH PRODUCT ALARM
JUN 29, 2016 9:10 AM

PROBE OUT
JUN 29, 2016 9:11 AM
JUN 29, 2016 9:09 AM
JUN 30, 2015 8:49 AM

DELIVERY NEEDED
SEP 21, 2015 4:55 PM
APR 25, 2014 3:01 PM
APR 5, 2013 2:08 PM

LOW TEMP WARNING
MAY 18, 2011 10:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 2:RED DIESEL

OVERFILL ALARM
JUN 29, 2016 9:07 AM
JUL 1, 2014 10:04 AM
JUL 5, 2013 10:36 AM

HIGH PRODUCT ALARM
JUN 29, 2016 9:07 AM

INVALID FUEL LEVEL
JUL 5, 2013 10:38 AM

PROBE OUT
JUN 29, 2016 9:07 AM
JUN 29, 2016 9:04 AM
JUL 1, 2014 10:06 AM

DELIVERY NEEDED
JUL 7, 2016 2:09 PM
SEP 12, 2015 6:20 PM
AUG 2, 2014 2:08 PM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 3:UNLEADED AST

SETUP DATA WARNING
JUL 21, 2015 3:04 PM

OVERFILL ALARM
MAY 8, 2017 11:34 AM
JAN 5, 2017 9:03 AM
OCT 17, 2016 10:52 AM

LOW PRODUCT ALARM
JAN 20, 2016 4:02 PM

INVALID FUEL LEVEL
JAN 22, 2016 6:18 AM

DELIVERY NEEDED
OCT 14, 2016 11:46 AM
JAN 20, 2016 4:00 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 1:RED TURBINE SUMP
STP SUMP
FUEL ALARM
JUN 19, 2017 3:42 PM

FUEL ALARM
MAR 22, 2017 6:29 AM

FUEL ALARM
JAN 23, 2017 1:12 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 2:RED FILL SUMP
OTHER SENSORS
FUEL ALARM
JAN 20, 2017 6:58 AM

FUEL ALARM
JAN 12, 2017 1:27 PM

FUEL ALARM
JAN 11, 2017 4:46 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 3:DISP 3 UDC
DISPENSER PAN
FUEL ALARM
JAN 11, 2017 2:53 AM

SENSOR OUT ALARM
JUN 29, 2016 8:30 AM

FUEL ALARM
JUN 29, 2016 8:24 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 4:DISP 2 UDC
DISPENSER PAN
SENSOR OUT ALARM
JUN 29, 2016 8:30 AM

FUEL ALARM
JUN 29, 2016 8:24 AM

FUEL ALARM
JUN 30, 2015 8:22 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 5:DISP 1 UDC
DISPENSER PAN
SENSOR OUT ALARM
JUN 29, 2016 8:30 AM

FUEL ALARM
JUN 29, 2016 8:23 AM

FUEL ALARM
JUN 30, 2015 8:21 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 6:BULK OIL SUMP
OTHER SENSORS
FUEL ALARM
JAN 11, 2017 5:02 PM

FUEL ALARM
JUN 29, 2016 8:33 AM

SENSOR OUT ALARM
JUN 29, 2016 8:30 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 7:CLEAR FILL SUMP
OTHER SENSORS
FUEL ALARM
JAN 11, 2017 5:23 PM

FUEL ALARM
JAN 11, 2017 4:50 PM

SENSOR OUT ALARM
JUN 29, 2016 8:30 AM

T 3:UNLEADED AST
PRODUCT CODE : 3
THERMAL COEFF : .000700
TANK DIAMETER : 36.00
TANK PROFILE : LINEAR
FULL VOL : 1034

FLOAT SIZE: 2.0 IN. 8499

WATER WARNING : 2.0
HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 1034
OVERFILL LIMIT : 90%
HIGH PRODUCT : 930
DELIVERY LIMIT : 95%
: 982
: 15%
: 155

LOW PRODUCT : 144
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 99
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

DELIVERY DELAY : 1 MIN

LIQUID SENSOR SETUP

L 1:RED TURBINE SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : STP SUMP

L 2:RED FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 3:DISP 3 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 4:DISP 2 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 5:DISP 1 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 6:BULK OIL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 7:CLEAR FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 8:CLEAR TURBINE SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : STP SUMP

L 9:WASTE OIL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L10:SPILT ANNULAR
TRI-STATE (SINGLE FLOAT)
CATEGORY : ANNULAR SPACE

L11:RED ANNULAR
TRI-STATE (SINGLE FLOAT)
CATEGORY : ANNULAR SPACE

L12:WASTE HI LEVEL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L13:BULK HI LEVEL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

OUTPUT RELAY SETUP

R 1:RED SHUTDOWN
TYPE:
STANDARD
NORMALLY CLOSED

IN-TANK ALARMS
T 2:LOW PRODUCT ALARM

LIQUID SENSOR ALMS
L 1:FUEL ALARM
L 2:FUEL ALARM
L 4:FUEL ALARM
L 5:FUEL ALARM
L11:FUEL ALARM
L 1:SENSOR OUT ALARM
L 2:SENSOR OUT ALARM
L 4:SENSOR OUT ALARM
L 5:SENSOR OUT ALARM
L11:SENSOR OUT ALARM

R 3:OVERFILL ALARM
TYPE:
STANDARD
NORMALLY OPEN

IN-TANK ALARMS
ALL:OVERFILL ALARM

R 4:CLEAR SHUTDOWN
TYPE:
STANDARD
NORMALLY CLOSED

LIQUID SENSOR ALMS
L 2:FUEL ALARM
L 3:FUEL ALARM
L 7:FUEL ALARM
L 8:FUEL ALARM
L10:FUEL ALARM
L 3:SENSOR OUT ALARM
L 7:SENSOR OUT ALARM
L 8:SENSOR OUT ALARM
L10:SENSOR OUT ALARM
ALL:SHORT ALARM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 8:CLEAR TURBINE SUMP
STP SUMP
FUEL ALARM
JAN 23, 2017 1:26 PM

FUEL ALARM
JAN 11, 2017 4:52 PM

FUEL ALARM
JAN 11, 2017 4:31 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L13:BULK HI LEVEL
OTHER SENSORS
FUEL ALARM
JUN 29, 2016 8:33 AM

FUEL ALARM
JUN 30, 2015 8:14 AM

FUEL ALARM
JUN 30, 2015 8:25 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 9:WASTE OIL
OTHER SENSORS
FUEL ALARM
JUN 29, 2016 8:34 AM

FUEL ALARM
JUN 30, 2015 8:08 AM

FUEL ALARM
JUN 30, 2015 8:24 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L10:SPILT ANNULAR
ANNULAR SPACE
FUEL ALARM
JUN 29, 2016 8:25 AM

FUEL ALARM
JUN 30, 2015 8:10 AM

FUEL ALARM
JUN 30, 2015 8:09 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L11:RED ANNULAR
ANNULAR SPACE
FUEL ALARM
JUN 29, 2016 8:21 AM

FUEL ALARM
JUN 30, 2015 8:19 AM

FUEL ALARM
DEC 19, 2015 3:35 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L12:WASTE HI LEVEL
OTHER SENSORS
FUEL ALARM
JUN 29, 2016 8:34 AM

FUEL ALARM
JUN 30, 2015 8:11 AM

FUEL ALARM
JUN 30, 2015 8:25 AM

memo

FA0001676

ENTERED
APR 20 2017
BY:

UST TEST RESULTS

To: San Bernardino County Fire Dept. – Hazardous Materials Division
620 South E Street
San Bernardino, CA 92415-0153

From: Dennis Minnock
714-713-9529

Date: 7/23/2016

Re: **Monitoring System Certification**
VULCAN MATERIALS CO
2400 Highland
San Bernardino
9 pages

Reviewed 4-26-17

RECEIVED
JUL 27 2016
S.B. CO. FIRE DEPT.

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Vulcan_Materials_Co. Bldg. No.:

Site Address: 2400_W._Highland City: San_Bernardino Zip:

Facility Contact Person: Floyd Sibole Contact Phone No.: (909) 875-1150

Make/Model of Monitoring System: Veeder_Root__TLS-350 Date of Testing/Servicing: 6_/_29_/_2016

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: _1___Clear_Diesel	**Tank ID**: _2___Red Dye Diesel
x In-Tank Gauging Probe. Model: _847390-109	x In-Tank Gauging Probe. Model: _847390-109
x Annular Space or Vault Sensor. Model: _794390-420	x Annular Space or Vault Sensor. Model: _794390-420
x Piping Sump / Trench Sensor(s). Model: _794380-208	x Piping Sump / Trench Sensor(s). Model: _794380-208
x Fill Sump Sensor(s). Model: _794380-208	x Fill Sump Sensor(s). Model: _794380-208
x Mechanical Line Leak Detector. Model: _VMI LD-2000	x Mechanical Line Leak Detector. Model: _VMI LD-2000
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
x Tank Overfill / High-Level Sensor. Model: _847390-709	x Tank Overfill / High-Level Sensor. Model: _847390-109
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: __3_Waste Oil	**Tank ID**: __4_New_Oil
☐ In-Tank Gauging Probe. Model:	☐ In-Tank Gauging Probe. Model:
x Annular Space or Vault Sensor. Model: _794390-420	x Annular Space or Vault Sensor. Model: _794390-420
☐ Piping Sump / Trench Sensor(s). Model:	x Piping Sump / Trench Sensor(s). Model: _794380-208
x Fill Sump Sensor(s). Model: _794380-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
x Tank Overfill / High-Level Sensor. Model: _794390-420	x Tank Overfill / High-Level Sensor. Model: _794390-420
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: ___Disp. 1	**Dispenser ID**:
x Dispenser Containment Sensor(s). Model: _794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: ___Disp. 2	**Dispenser ID**:
x Dispenser Containment Sensor(s). Model: _794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: __Disp.3	**Dispenser ID**:
x Dispenser Containment Sensor(s). Model: _794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*:** x **System set-up** **x Alarm history report**

Technician Name (print): Philip B. Smith Signature: Philip B Smith

Certification No.: A30819, ICC 5263352 License. No.: 991520

Testing Company Name: Petrotech Service Phone No.:(_951)_210-5745

Testing Company Address: 31080 Park Blvd._Nuevo, Ca. 92567 Date of Testing/Servicing: 6_/_29_/_2016

D. Results of Testing/Servicing

Software Version Installed: _____17.02_____

Complete the following checklist:

x Yes	☐ No*	Is the audible alarm operational?
x Yes	☐ No*	Is the visual alarm operational?
x Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
x Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* x N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
x Yes	☐ No* ☐ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* x Sump/Trench Sensors; x Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? x Yes; ☐ No.
x Yes	☐ No* ☐ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? ___90___ %
☐ Yes*	x No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
x Yes*	☐ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
x Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
x Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: _____

F. In-Tank Gauging / SIR Equipment:

x Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

Check this box if LLDs are not installed.

Complete the following checklist:

x Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: x 3 g.p.h.; ☐ 0.1 g.p.h ; ☐0.2 g.p.h.
x Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
x Yes	☐ No*	Was the testing apparatus properly calibrated?
x Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* x N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
x Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials Co.	Date of Testing:	6/29/2016
Facility Address:	2400 W. Highland, San Bernardino		
Facility Contact:	Floyd Sibole	Phone:	909-875-1150
Date Local Agency Was Notified of Testing :	May 2, 2016		
Name of Local Agency Inspector *(if present during testing)*:			

2. TESTING CONTRACTOR INFORMATION

Company Name:	Petrotech Service
Technician Conducting Test:	Philip B. Smith
Credentials[1]:	X CSLB Contractor XICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)* _____
License Number(s):991520	5263352

3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	x Hydrostatic	☐ Vacuum	☐ Other
Test Equipment Used:Visual			Equipment Resolution:

Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**1 Diesel**	**2Red Diesel**	**3Waste Oil**	**4**
Bucket Installation Type:	☐ Direct Bury x Contained in Sump	☐ Direct Bury x Contained in Sump	☐ Direct Bury x Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	16"	
Bucket Depth:	12"	12"	12"	
Wait time between applying vacuum/water and start of test:	10 minutes	10 minutes	10 minutes	
Test Start Time (T_I):	8:00 A.M.	8:00 A.M.	8:00 A.M.	
Initial Reading (R_I):	11"	11"	15"	
Test End Time (T_F):	9:00 A.M.	9:00 A.M.	9:00 A.M.	
Final Reading (R_F):	11"	11"	15"	
Test Duration ($T_F - T_I$):	1 hour	1 hour	1 hour	
Change in Reading (R_F - R_I):	0	0	0	
Pass/Fail Threshold or Criteria:	0 drop	0 drop	0 drop	
Test Result:	**x Pass ☐ Fail**	**x Pass ☐ Fail**	**x Pass ☐ Fail**	**☐ Pass ☐ Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

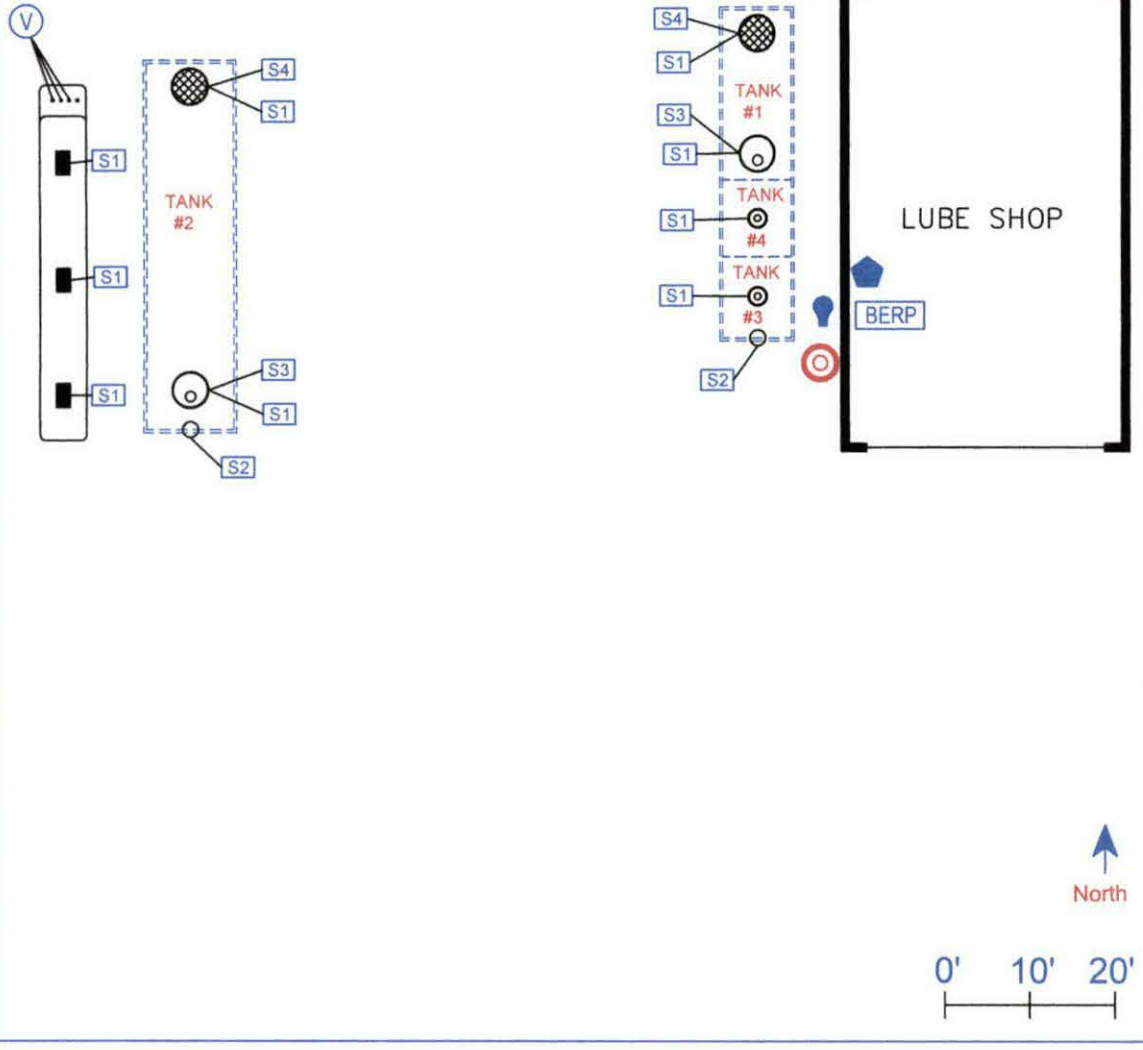
I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: Philip B Smith Date: 6/29/2016

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

SITE MONITORING PLAN

VULCAN MATERIALS CO.
2400 W. HIGHLAND AVE.
SAN BERNARDINO, CA 92407



LEGEND

- UNDERGROUND STORAGE TANK
- OVERFILL ALARM
- EMERGENCY PUMP SHUTOFF
- LEAK MONITORING VEEDER ROOT TLS-350
- (V) VENT RISERS
- BERP — BUSINESS EMERGENCY RESPONSE PLAN
- S? — SENSOR - SEE LEGEND
- FUEL DISPENSER
- FILL SUMP
- PIPING SUMP

SENSORS

- S1 — VEEDER ROOT 208
- S2 — VEEDER ROOT 420
- S3 — VEEDER ROOT 109
- S4 — VMI LD-2000

TANKS

#1 - 12,000 GAL. CLEAR DISESL
#2 - 20,000 GAL. RED DYE DIESEL
#3 - 4,500 GAL. - WASTE OIL
#4 - 3,500 GAL. NEW BULD OIL

PREPARED FOR:	SITE:	DRAWN BY: CARRONTECH
PACIFIC COMPLIANCE PO BOX 294808 PHELAN, CA 92320 PHONE: 714-240-3674	VULCAN MATERIALS CO. 2400 W. HIGHLAND SAN BERNARDINO, CA 92407	DATE: 6/30/16

SYSTEM SETUP

JUN 29, 2016 8:00 AM

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH
SYSTEM DATE/TIME FORMAT
MON DD YYYY HH:MM:SS xM

VULCAN
2400 W. HIGHLAND
SAN BERNARDINO,CA

SHIFT TIME 1 : DISABLED
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

TANK PERIODIC WARNINGS
DISABLED
TANK ANNUAL WARNINGS
DISABLED
LINE PERIODIC WARNINGS
DISABLED
LINE ANNUAL WARNINGS
DISABLED

PRINT TC VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F): 60.0
STICK HEIGHT OFFSET
DISABLED
DAYLIGHT SAVING TIME
ENABLED
START DATE
MAR WEEK 2 SUN
START TIME
2:00 AM
END DATE
NOV WEEK 1 SUN
END TIME
2:00 AM

SYSTEM SECURITY
CODE : 000000

IN-TANK SETUP

T 1:CLEAR DIESEL
PRODUCT CODE : 1
THERMAL COEFF : .000450
TANK DIAMETER : 111.50
TANK PROFILE : 1 PT
FULL VOL : 12062

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING : 2.0
HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 11900
OVERFILL LIMIT : 90%
: 10710
HIGH PRODUCT : 95%
: 11305
DELIVERY LIMIT : 15%
: 1809

LOW PRODUCT : 1500
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 99
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 0%
: 0

LEAK MIN ANNUAL : 0%
: 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

T 2:RED DIESEL
PRODUCT CODE : 2
THERMAL COEFF : .000450
TANK DIAMETER : 112.00
TANK PROFILE : 1 PT
FULL VOL : 20002

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING : 2.0
HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 19800
OVERFILL LIMIT : 90%
: 17820
HIGH PRODUCT : 95%
: 18810
DELIVERY LIMIT : 5%
: 1000

LOW PRODUCT : 500
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 99
TANK TILT :- 0.20

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 0%
: 0

LEAK MIN ANNUAL : 0%
: 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

UNLEADED : 3
UCT CODE : .000700
RMAL COEFF : 36.00
K DIAMETER : LINEAR
K PROFILE : 1034
FULL VOL :

OAT SIZE: 2.0 IN. 8499

TER WARNING : 2.0
IGH WATER LIMIT: 3.0

AX OR LABEL VOL: 1034
VERFILL LIMIT : 90%
: 930
: 95%
HIGH PRODUCT : 982
: 15%
DELIVERY LIMIT : 155

: 144
LOW PRODUCT : 99
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 0.00
TANK TILT :

MANIFOLDED TANKS
T#: NONE

DELIVERY DELAY : 1 MIN

LIQUID SENSOR SETUP

L 1:RED TURBINE SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : STP SUMP

L 2:RED FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 3:DISP 3 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 4:DISP 2 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 5:DISP 1 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 6:BULK OIL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 7:CLEAR FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 8:CLEAR TURBINE SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : STP SUMP

L 9:WASTE OIL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L10:SPILT ANNULAR
TRI-STATE (SINGLE FLOAT)
CATEGORY : ANNULAR SPACE

L11:RED ANNULAR
TRI-STATE (SINGLE FLOAT)
CATEGORY : ANNULAR SPACE

L12:WASTE HI LEVEL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L13:BULK HI LEVEL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

OUTPUT RELAY SETUP

R 1:RED SHUTDOWN
TYPE:
STANDARD
NORMALLY CLOSED

IN-TANK ALARMS
T 2:LOW PRODUCT ALARM

LIQUID SENSOR ALMS
L 1:FUEL ALARM
L 2:FUEL ALARM
L 4:FUEL ALARM
L 5:FUEL ALARM
L11:FUEL ALARM
L 1:SENSOR OUT ALARM
L 2:SENSOR OUT ALARM
L 4:SENSOR OUT ALARM
L 5:SENSOR OUT ALARM
L11:SENSOR OUT ALARM

R 3:OVERFILL ALARM
TYPE:
STANDARD
NORMALLY OPEN

IN-TANK ALARMS
ALL:OVERFILL ALARM

R 4:CLEAR SHUTDOWN
TYPE:
STANDARD
NORMALLY CLOSED

LIQUID SENSOR ALMS
L 2:FUEL ALARM
L 3:FUEL ALARM
L 7:FUEL ALARM
L 8:FUEL ALARM
L10:FUEL ALARM
L 3:SENSOR OUT ALARM
L 7:SENSOR OUT ALARM
L 8:SENSOR OUT ALARM
L10:SENSOR OUT ALARM
ALL:SHORT ALARM

SOFTWARE REVISION LEVEL
VERSION 17.02
SOFTWARE# 346017-100-C
CREATED - 99.01.12.18.20

NO SOFTWARE MODULE
SYSTEM FEATURES:
PERIODIC IN-TANK TESTS
ANNUAL IN-TANK TESTS

ALARM HISTORY REPORT

----- SYSTEM ALARM -----
PAPER OUT
APR 4, 2016 4:41 PM
PRINTER ERROR
APR 4, 2016 4:41 PM
BATTERY IS OFF
JAN 1, 1996 8:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 1:CLEAR DIESEL

OVERFILL ALARM
JUL 1, 2014 10:16 AM
JUL 5, 2013 10:33 AM
MAY 18, 2011 1:23 AM

LOW PRODUCT ALARM
SEP 26, 2015 5:00 PM
NOV 24, 2010 3:44 PM

PROBE OUT
JUN 30, 2015 8:49 AM
JUL 1, 2014 11:35 AM
JUL 1, 2014 10:09 AM

DELIVERY NEEDED
SEP 21, 2015 4:55 PM
APR 25, 2014 3:01 PM
APR 5, 2013 2:08 PM

LOW TEMP WARNING
MAY 18, 2011 10:00 AM

* * * * * END * * * * *

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 2:RED DIESEL

OVERFILL ALARM
JUL 1, 2014 10:04 AM
JUL 5, 2013 10:36 AM

INVALID FUEL LEVEL
JUL 5, 2013 10:38 AM

PROBE OUT
JUL 1, 2014 10:06 AM
JUL 1, 2014 10:01 AM
JUL 5, 2013 10:37 AM

DELIVERY NEEDED
SEP 12, 2015 6:20 PM
AUG 2, 2014 2:08 PM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 3:UNLEADED

SETUP DATA WARNING
JUL 21, 2015 3:04 PM

OVERFILL ALARM
JUN 16, 2016 10:13 AM
APR 5, 2016 2:00 PM
NOV 2, 2015 8:43 AM

LOW PRODUCT ALARM
JAN 20, 2016 4:02 PM

INVALID FUEL LEVEL
JAN 22, 2016 6:18 AM

DELIVERY NEEDED
JAN 20, 2016 4:00 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 1:RED TURBINE SUMP
STP SUMP
SENSOR OUT ALARM
JUN 29, 2016 7:17 AM

FUEL ALARM
JUN 27, 2016 4:34 PM

FUEL ALARM
JUN 30, 2015 8:23 AM

* * * * * END * * * * *

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 2:RED FILL SUMP
OTHER SENSORS
FUEL ALARM
JUN 27, 2016 4:24 PM

FUEL ALARM
JUN 30, 2015 10:54 AM

SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 3:DISP 3 UDC
DISPENSER PAN
FUEL ALARM
JUN 30, 2015 8:23 AM

SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

FUEL ALARM
JUN 30, 2015 8:12 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 4:DISP 2 UDC
DISPENSER PAN
FUEL ALARM
JUN 30, 2015 8:22 AM

SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

FUEL ALARM
JUN 30, 2015 8:17 AM

* * * * * END * * * * *

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 5:DISP 1 UDC
DISPENSER PAN
FUEL ALARM
JUN 30, 2015 8:21 AM

SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

FUEL ALARM
JUN 30, 2015 8:18 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 6:BULK OIL SUMP
OTHER SENSORS
FUEL ALARM
JUN 30, 2015 8:08 AM

FUEL ALARM
JUN 30, 2015 8:21 AM

SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 7:CLEAR FILL SUMP
OTHER SENSORS
FUEL ALARM
JUN 30, 2015 8:07 AM

SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

FUEL ALARM
JUN 30, 2015 8:10 AM

* * * * * END * * * * *

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 8:CLEAR TURBINE SUMP
STP SUMP
FUEL ALARM
JUN 30, 2015 8:04 AM

FUEL ALARM
DEC 19, 2015 1:28 PM

FUEL ALARM
DEC 19, 2015 1:28 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 9:WASTE OIL
OTHER SENSORS
FUEL ALARM
JUN 30, 2015 8:08 AM

FUEL ALARM
JUN 30, 2015 8:24 AM

FUEL ALARM
JUN 26, 2015 3:08 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L10:SPILT ANNULAR
ANNULAR SPACE
FUEL ALARM
JUN 30, 2015 8:10 AM

FUEL ALARM
JUN 30, 2015 8:09 AM

FUEL ALARM
JUN 26, 2015 2:58 PM

* * * * * END * * * * *

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L11:RED ANNULAR
ANNULAR SPACE
FUEL ALARM
JUN 30, 2015 8:19 AM

FUEL ALARM
DEC 19, 2015 3:35 PM

FUEL ALARM
DEC 19, 2015 3:34 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L12:WASTE HI LEVEL
OTHER SENSORS
FUEL ALARM
JUN 30, 2015 8:11 AM

FUEL ALARM
JUN 30, 2015 8:25 AM

FUEL ALARM
JUN 26, 2015 3:10 PM

* * * * * END * * * * *

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L13:BULK HI LEVEL
OTHER SENSORS
FUEL ALARM
JUN 30, 2015 8:14 AM

FUEL ALARM
JUN 30, 2015 8:25 AM

FUEL ALARM
JUN 26, 2015 3:18 PM

* * * * * END * * * * *

FA# 1676

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Vulcan_Materials_Co. Bldg. No.:

Site Address: 2400_W._Highland City: San_Bernardino Zip: 92407

Facility Contact Person: Floyd Sibole Contact Phone No.: (909) 875-1150

Make/Model of Monitoring System: Veeder_Root_TLS-350 Date of Testing/Servicing: 6_/_30_/_2015

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: _1___Clear_Diesel	**Tank ID**: _2___Red Dye Diesel
x In-Tank Gauging Probe. Model: _847390-109	x In-Tank Gauging Probe. Model: _847390-109
x Annular Space or Vault Sensor. Model: _794390-420	x Annular Space or Vault Sensor. Model: _794390-420
x Piping Sump / Trench Sensor(s). Model: _794380-208	x Piping Sump / Trench Sensor(s). Model: _794380-208
x Fill Sump Sensor(s). Model: _794380-208	x Fill Sump Sensor(s). Model: _794380-208
x Mechanical Line Leak Detector. Model: _VMI LD-2000	x Mechanical Line Leak Detector. Model: _VMI LD-2000
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
x Tank Overfill / High-Level Sensor. Model: _847390-709	x Tank Overfill / High-Level Sensor. Model: _847390-109
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: __3_Waste Oil	**Tank ID:** __4_New_Oil
☐ In-Tank Gauging Probe. Model:	☐ In-Tank Gauging Probe. Model:
x Annular Space or Vault Sensor. Model: _794390-420	x Annular Space or Vault Sensor. Model: _794390-420
☐ Piping Sump / Trench Sensor(s). Model:	x Piping Sump / Trench Sensor(s). Model: _794380-208
x Fill Sump Sensor(s). Model: _794380-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
x Tank Overfill / High-Level Sensor. Model: _794390-420	x Tank Overfill / High-Level Sensor. Model: _794390-420
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: ___Disp. 1	**Dispenser ID**:
x Dispenser Containment Sensor(s). Model: _794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: ___Disp. 2	**Dispenser ID**:
x Dispenser Containment Sensor(s). Model: _794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: __Disp.3	**Dispenser ID**:
x Dispenser Containment Sensor(s). Model: _794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*:** x **System set-up** x **Alarm history report**

Technician Name (print): Philip B. Smith Signature: Philip B Smith

Certification No.: A30819, ICC 5263352 License. No.: 991520

Testing Company Name: Petrotech Service Phone No.:(_951)_210-5745

Testing Company Address: 31080 Park Blvd._Nuevo, Ca. 92567 Date of Testing/Servicing: 6_/_30_/_2015

ENTERED
AUG 13 2015

RECEIVED
JUL 31 2015
S.B. CO. FIRE DEPT.

Reviewed 17.18

D. Results of Testing/Servicing

Software Version Installed: _____17.02_____

Complete the following checklist:

x Yes	☐ No*	Is the audible alarm operational?
x Yes	☐ No*	Is the visual alarm operational?
x Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
x Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* x N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
x Yes	☐ No* ☐ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* x Sump/Trench Sensors; x Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? x Yes; ☐ No.
x Yes	☐ No* ☐ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? ___90___ %
☐ Yes*	x No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
x Yes*	☐ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
x Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
x Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: _____

F. In-Tank Gauging / SIR Equipment:

x Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

Check this box if LLDs are not installed.

Complete the following checklist:

x Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: x 3 g.p.h.; ☐ 0.1 g.p.h ; ☐0.2 g.p.h.
x Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
x Yes	☐ No*	Was the testing apparatus properly calibrated?
x Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* x N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
x Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

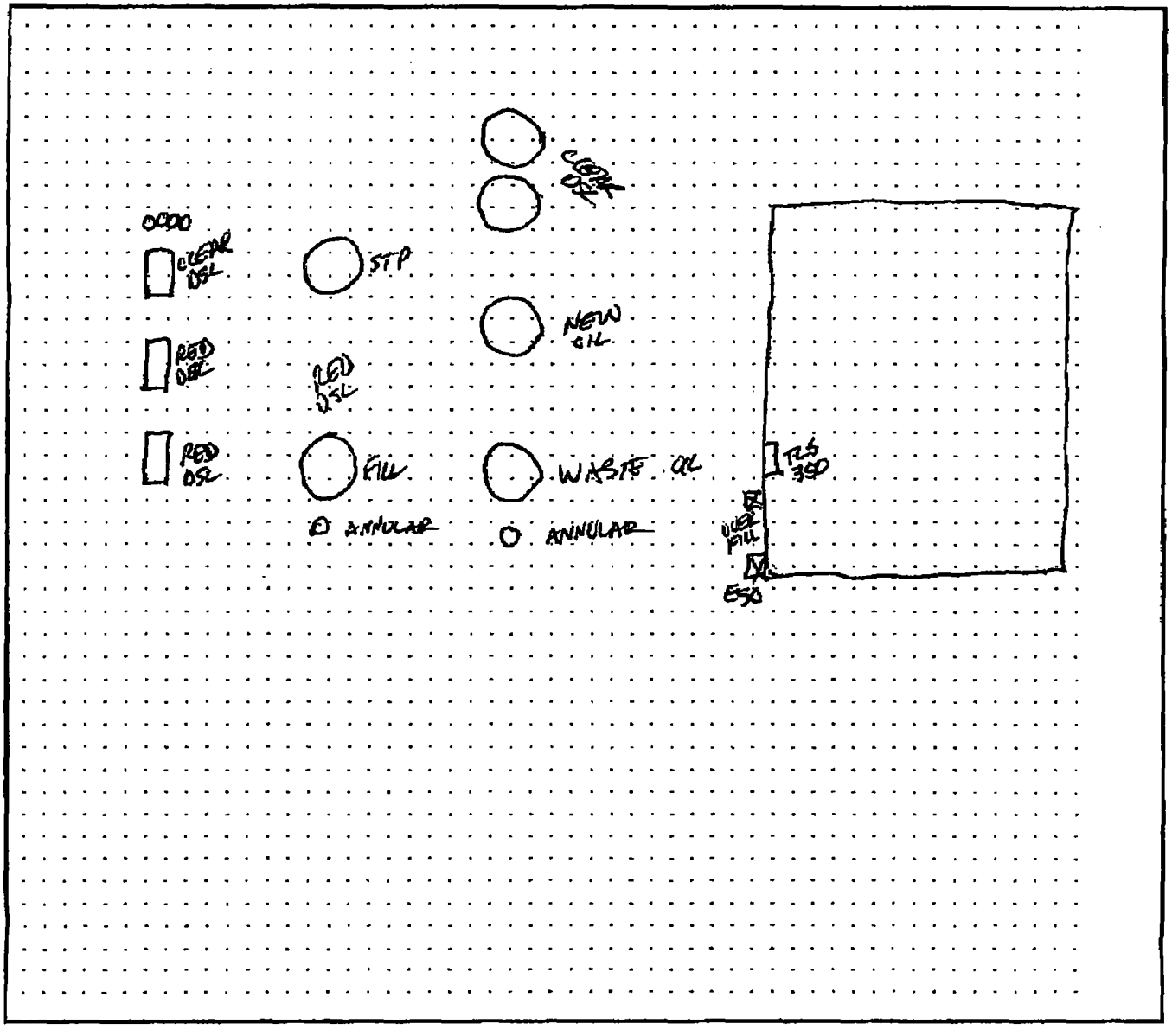
H. Comments:

Spill Buckets tested 1/21/15 - Triennial Secondary Containment Testing

Monitoring System Certification

UST Monitoring Site Plan

Site Address: 2400 HIGHLAND AVE, SAN BERNARDINO



Date map was drawn: 7/5/12

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

SYSTEM SETUP

JUN 30, 2015 11:19 AM

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH
SYSTEM DATE/TIME FORMAT
MON DD YYYY HH:MM:SS xM

VULCAN
2400 W. HIGHLAND
SAN BERNARDINO,CA

SHIFT TIME 1 : DISABLED
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

TANK PERIODIC WARNINGS
DISABLED
TANK ANNUAL WARNINGS
DISABLED
LINE PERIODIC WARNINGS
DISABLED
LINE ANNUAL WARNINGS
DISABLED

PRINT TC VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F): 60.0
STICK HEIGHT OFFSET
DISABLED
DAYLIGHT SAVING TIME
ENABLED
START DATE
MAR WEEK 2 SUN
START TIME
2:00 AM
END DATE
NOV WEEK 1 SUN
END TIME
2:00 AM

SYSTEM SECURITY
CODE : 000000

IN-TANK SETUP

T 1:CLEAR DIESEL
PRODUCT CODE : 1
THERMAL COEFF : .000450
TANK DIAMETER : 111.50
TANK PROFILE : 1 PT
FULL VOL : 12062

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING : 2.0
HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 11900
OVERFILL LIMIT : 90%
: 10710
HIGH PRODUCT : 95%
: 11305
DELIVERY LIMIT : 15%
: 1809

LOW PRODUCT : 1500
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 99
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 0%
: 0

LEAK MIN ANNUAL : 0%
: 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

T 2:RED DIESEL
PRODUCT CODE : 2
THERMAL COEFF : .000450
TANK DIAMETER : 112.00
TANK PROFILE : 1 PT
FULL VOL : 20002

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING : 2.0
HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 19800
OVERFILL LIMIT : 90%
: 17820
HIGH PRODUCT : 95%
: 18810
DELIVERY LIMIT : 5%
: 1000

LOW PRODUCT : 500
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 99
TANK TILT : 0.20

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 0%
: 0

LEAK MIN ANNUAL : 0%
: 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

LIQUID SENSOR SETUP

L 1:RED TURBINE SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : STP SUMP

L 2:RED FILK SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 3:DISP 3 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 4:DISP 2 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 5:DISP 1 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 6:BULK OIL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 7:CLEAR FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 8:CLEAR TURBINE SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : STP SUMP

L 9:WASTE OIL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L10:SPILT ANNULAR
TRI-STATE (SINGLE FLOAT)
CATEGORY : ANNULAR SPACE

L11:RED ANNULAR
TRI-STATE (SINGLE FLOAT)
CATEGORY : ANNULAR SPACE

L12:WASTE HI LEVEL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L13:BULK HI LEVEL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

OUTPUT RELAY SETUP

R 1:RED SHUTDOWN
TYPE:
STANDARD
NORMALLY CLOSED

IN-TANK ALARMS
T 2:LOW PRODUCT ALARM

LIQUID SENSOR ALMS
L 1:FUEL ALARM
L 2:FUEL ALARM
L 4:FUEL ALARM
L 5:FUEL ALARM
L11:FUEL ALARM
L 1:SENSOR OUT ALARM
L 2:SENSOR OUT ALARM
L 4:SENSOR OUT ALARM
L 5:SENSOR OUT ALARM
L11:SENSOR OUT ALARM
ALL:SHORT ALARM

R 3:OVERFILL ALARM
TYPE:
STANDARD
NORMALLY OPEN

IN-TANK ALARMS
ALL:OVERFILL ALARM

R 4:CLEAR SHUTDOWN
TYPE:
STANDARD
NORMALLY CLOSED

LIQUID SENSOR ALMS
L 1:FUEL ALARM
L 2:FUEL ALARM
L 3:FUEL ALARM
L 7:FUEL ALARM
L 8:FUEL ALARM
L10:FUEL ALARM
L 3:SENSOR OUT ALARM
L 7:SENSOR OUT ALARM
L 8:SENSOR OUT ALARM
L10:SENSOR OUT ALARM
ALL:SHORT ALARM

SOFTWARE REVISION LEVEL
VERSION 17.02
SOFTWARE# 346017-100-C
CREATED - 99.01.12.18.20

NO SOFTWARE MODULE
SYSTEM FEATURES:
PERIODIC IN-TANK TESTS
ANNUAL IN-TANK TESTS

ALARM HISTORY REPORT

----- SYSTEM ALARM -----
PAPER OUT
JAN 26, 2015 9:31 AM
PRINTER ERROR
JAN 26, 2015 9:31 AM
BATTERY IS OFF
JAN 1, 1996 8:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 1:CLEAR DIESEL

OVERFILL ALARM
JUL 1, 2014 10:16 AM
JUL 5, 2013 10:33 AM
MAY 18, 2011 1:23 AM

LOW PRODUCT ALARM
NOV 24, 2010 3:44 PM

PROBE OUT
JUN 30, 2015 8:49 AM
JUL 1, 2014 11:35 AM
JUL 1, 2014 10:09 AM

DELIVERY NEEDED
APR 25, 2014 3:01 PM
APR 5, 2013 2:08 PM
JUL 17, 2012 3:14 AM

LOW TEMP WARNING
MAY 18, 2011 10:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 2:RED DIESEL

OVERFILL ALARM
JUL 1, 2014 10:04 AM
JUL 5, 2013 10:36 AM

INVALID FUEL LEVEL
JUL 5, 2013 10:38 AM

PROBE OUT
JUL 1, 2014 10:06 AM
JUL 1, 2014 10:01 AM
JUL 5, 2013 10:37 AM

DELIVERY NEEDED
AUG 2, 2014 2:08 PM
SEP 17, 2012 2:52 PM
DEC 16, 2011 5:57 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 1:RED TURBINE SUMP
STP SUMP
SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

FUEL ALARM
JUN 30, 2015 8:13 AM

FUEL ALARM
JUL 1, 2014 8:58 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 2:RED FILK SUMP
OTHER SENSORS
FUEL ALARM
JUN 30, 2015 10:54 AM

SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

FUEL ALARM
JUN 30, 2015 8:14 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 3:DISP 3 UDC
DISPENSER PAN
SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

FUEL ALARM
JUN 30, 2015 8:12 AM

FUEL ALARM
JUN 26, 2015 3:42 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 4:DISP 2 UDC
DISPENSER PAN
SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

FUEL ALARM
JUN 30, 2015 8:17 AM

FUEL ALARM
JUN 26, 2015 3:53 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 5:DISP 1 UDC
DISPENSER PAN
SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

FUEL ALARM
JUN 30, 2015 8:18 AM

FUEL ALARM
JUN 26, 2015 3:53 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 6:BULK OIL SUMP
OTHER SENSORS
FUEL ALARM
JUN 30, 2015 8:21 AM

SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

FUEL ALARM
JUN 26, 2015 3:18 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 7:CLEAR FILL SUMP
OTHER SENSORS
SENSOR OUT ALARM
JUN 30, 2015 8:20 AM

FUEL ALARM
JUN 30, 2015 8:10 AM

FUEL ALARM
JUN 26, 2015 3:23 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 8:CLEAR TURBINE SUMP
STP SUMP
SENSOR OUT ALARM
JUN 30, 2015 8:19 AM

FUEL ALARM
JUN 30, 2015 8:11 AM

FUEL ALARM
JUN 26, 2015 3:25 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 9:WASTE OIL
OTHER SENSORS
FUEL ALARM
JUN 30, 2015 8:24 AM

FUEL ALARM
JUN 26, 2015 3:08 PM

FUEL ALARM
FEB 10, 2015 3:32 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L10:SPILT ANNULAR
ANNULAR SPACE
FUEL ALARM
JUN 30, 2015 8:09 AM

FUEL ALARM
JUN 26, 2015 2:58 PM

SENSOR OUT ALARM
JUL 1, 2014 10:22 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L11:RED ANNULAR
ANNULAR SPACE
FUEL ALARM
JUN 30, 2015 8:16 AM

FUEL ALARM
FEB 2, 2015 10:43 AM

FUEL ALARM
JAN 20, 2015 2:12 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L12:WASTE HI LEVEL
OTHER SENSORS
FUEL ALARM
JUN 30, 2015 8:25 AM

FUEL ALARM
JUN 26, 2015 3:10 PM

SENSOR OUT ALARM
JUL 1, 2014 10:22 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L13:BULK HI LEVEL
OTHER SENSORS
FUEL ALARM
JUN 30, 2015 8:25 AM

FUEL ALARM
JUN 26, 2015 3:18 PM

SENSOR OUT ALARM
JUL 1, 2014 10:22 AM

* * * * * END * * * * *

memo

UST TEST RESULTS

To: San Bernardino County Fire Dept. – Hazardous Materials Division
620 South E Street
San Bernardino, CA 92415-0153

From: Dennis Minnock
714-713-9529

Date: 7/28/2015

Re: **Monitoring System Certification**
VULCAN MATERIALS CO
2400 Highland
San Bernardino
7 pages

PCS
PO Box 294808
Phelan CA 92329

LAS VEGAS NV 890

28 JUL 2015 PM 2 L



San Bernardino Co. Fire Dept. - Haz Mat Div
620 South E St.
San Bernardino CA 92415-0153

RECEIVED
JUL 31 2015
S.B. CO. FIRE DEPT.

92415O153

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

CUPA COMPLIANCE INSPECTION REPORT

NAME: **VULCAN MATERIALS WEST DIVISION** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** INSPECTION DATE: **3/3/2015**

Inspector was given permission to: [X] photograph [X] inspect

Inspection Narrative (v020000)

An inspection was conducted following repairs on previously failed Secondary Containment Components. Phillip Smith with Pacific Systems was the technician on site with the following certifications:
-ICC UST Service Technician #5263352 expires 9/19/2015
-Veeder Root Technician Level 4 #A30819 expires 2/8/16
-INCON Level 4 #9880443701 expires 1/31/16

Per UST Technician, clamps were tightened inside the waste oil sump and the UDC that previously failed. Both waste oil sump and UDC where INCON tested. Waste oil sump passed INCON Test. Completion of the SB989 Test for the repaired UDC was not witnessed.

Submit SB989 Test Report to this Department within 30 days.

Contact this Department prior to any repairs requiring permits.

INSPECTED BY:	RECEIVED BY:	Signature Date Time: 3/3/15 4:32:25PM
		LTR:3/3/2015 4:28:17PM
ADRIAN SAGUAN	Floyd Sibole	Plant Manager
NAME **ICC#8019654**	INSPECTION DATE: 03/03/2015 NAME PRINTED ON: 3/3/15 4:34 pm	TITLE

NOTICE OF VIOLATION: THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN THE SPECIFIED TIMEFRAME. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION.

SAN BERNA DINO COUNTY FIRE DI RICT

620 South "E" Street San Bernardino, CA 92415-0153 (909) 386-8401 Fax (909) 386-8460

Office of the Fire Marshal
Hazardous Materials Division
sbcfire.org

Mark A. Hartwig
Fire Chief/Fire Warden

Michael A. Horton
Fire Marshal

January 30, 2015

CHARLES ST JOHN
500 N. BRAND BLVD, STE 500
GLENDALE, CA 91203

ATTN: CALMAT CO/VULCAN MATERIALS CO/ CHARLES ST JOHN

SUBJECT: REVIEW OF SUBMITTED OF SECONDARY CONTAINMENT TEST RESULTS AND NOTICE OF VIOLATION

FACILITY: FA0001676-VULCAN MATERIALS WEST DIVISION
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

As a result of a recent records review, this facility has been identified as not being in compliance with Chapter 6.7 of the California Health and Safety Code (CHSC) and Title 23, Chapter 16 of California Code of Regulations (CCR). The following deficiencies are violations that may result in legal action if not corrected within 30 days:

TITLE 23 CCR §2637 - Secondary Containment Testing - failures noted on **January 20, 2015** have not been legally corrected and re-tested.

You are hereby ordered to:

1. Obtain an Underground Storage Tank (UST) modification/repair permit and submit plans to make all necessary repairs to the failed or untestable secondary containment components that require correction or repair within 30 days.
2. Upon correction by a properly licensed and certified contractor, all failed or previously untested components shall be tested in the presence of an inspector from this department.

Failure to comply with this Notice of Violation may result in legal action by this Department.
23 CCR §2717,et al RED TAG AUTHORITY - This CUPA has the authority to place a Red Tag on all UST fill pipes at the above mentioned facility until full compliance is met, including, but not limited to testing and any permitted repairs/modifications that may be required upon inspection. Application of a Red Tag prohibits fuel delivery and may only be removed by this agency.

The San Bernardino County Fire Department reserves the right to issue an Administrative Enforcement Order or refer this matter to the District Attorney's office for review and prosecution of any or all violations which have occurred regardless of your compliance with this directive.

If you have any questions, contact the Department representative below at (909) 386-8464.

ADRIAN SAGUAN, R.E.H.S.
Hazardous Materials Specialist
UST Section

BOARD OF SUPERVISORS

Robert A. Lovingood	Janice Rutherford	James Ramos	Curt Hagman	Josie Gonzales	Gregory Devereaux
First District	Chair, Second District	Third District	Fourth District	Fifth District	Chief Executive Officer

FA 1676

memo

RECEIVED
JAN 23 2015
S.B. CO. FIRE DEPT.

UST TEST RESULTS

To: San Bernardino County Fire Dept. – Hazardous Materials Division
620 South E Street
San Bernardino, CA 92415-0153

From: Dennis Minnock
714-713-9529

Date: 1/21/2015

Re: **Triennial Secondary Containment Test Results**
Vulcan Materials Co
2400 W Highland
San Bernardino, CA
9 pages

ENTERED
JAN 27 2015

EV0012754

Received 1-30-15

Calmat Co / Vulcan Mat Co

RECEIVED JAN 23 2015 SB CO FIRE DEPT.

Secondary Containment Testing Report Form

This form is intended for use by contractors performing periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials	Date of Testing:	1/20/2015
Facility Address:	2400 W. Highland Ave. San Bernardino		
Facility Contact:	Floyd Sibole	Phone:	909-875-1150
Date Local Agency Was Notified of Testing :	1/12/15		
Name of Local Agency Inspector *(if present during testing)*:			

2. TESTING CONTRACTOR INFORMATION

Company Name:	Petrotech Service		
Technician Conducting Test:	Philip Smith		
Credentials:	X CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester	
License Type: A, Haz		License Number: 991520	

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
ICC	UST Service Technician	9/19/2015
Franklin Fueling	TS-STS Sump Test System	1/31/2016

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
Split Annular	X	☐	☐	☐	Waste Oil Fill Sump	☐	X	☐	☐
Red Diesel Annular	X	☐	☐	☐	New Oil Fill Sump	X	☐	☐	☐
UDC1	☐	X	☐	☐	Red Diesel Spill Bucket	X	☐	☐	☐
UDC2	X	☐	☐	☐	Clear Diesel Spill Bucket	X	☐	☐	☐
UDC3	X	☐	☐	☐	Waste Oil Spill Bucket	X	☐	☐	☐
New Oil Piping	X	☐	☐	☐	New Oil Spill Bucket	X	☐	☐	☐
Red Diesel Piping	X	☐	☐	☐		☐	☐	☐	☐
Clear Diesel Piping	X	☐	☐	☐		☐	☐	☐	☐
Red Diesel Fill Sump	X	☐	☐	☐		☐	☐	☐	☐
Red Diesel STP Sump	X	☐	☐	☐		☐	☐	☐	☐
Clear Diesel Fill Sump	X	☐	☐	☐		☐	☐	☐	☐
Clear Diesel STP Sump	X	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Removed water to 5 55 gallon drums, labeled Haz Waste , and left on site for customer disposal.

ENTERED JAN 27 2015

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: Philp B Smith Date: 1/20/2015

4. TANK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer ☐ Other *(Specify)*	X Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	X Vacuum	☐ Hydrostatic
Test Equipment Used: 4.5" liquid filled gauge, venturi pump		Equipment Resolution: +/- .5%	

	Tank #1 Red Diesel	**Tank #2 Split Tank**	**Tank #**	**Tank #**
Is Tank Exempt From Testing?[1]	☐ Yes X No	☐ Yes X No	☐ Yes ☐ No	☐ Yes ☐ No
Tank Capacity:	20000 Gallons	20000 Gallons		
Tank Material:	Plasteel	Plasteel		
Tank Manufacturer:	Joor	Joor		
Product Stored:	Red Diesel	Oil/ Diesel		
Wait time between applying pressure/vacuum/water and starting test:	30 minutes	30 minutes		
Test Start Time:	10:00	9:30		
Initial Reading (R_I):	10" Hg	10"Hg		
Test End Time:	12:00	11:30		
Final Reading (R_F):	10" Hg	10" Hg		
Test Duration:	2 hours	2 hours		
Change in Reading (R_F-R_I):	0	0		
Pass/Fail Threshold or Criteria:	0 change	0 change		
Test Result:	**X Pass ☐ Fail**	**X Pass ☐ Fail**	**☐ Pass ☐ Fail**	**☐ Pass ☐ Fail**
Was sensor removed for testing?	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. {California Code of Regulations, Title 23, Section 2637(a)(6)}

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer ☐ Other *(Specify)*	X Industry Standard	☐ Professional Engineer
Test Method Used:	X Pressure ☐ Other *(Specify)*	☐ Vacuum	☐ Hydrostatic
Test Equipment Used: 4.5" liquid filled gauge, nitrogen		Equipment Resolution: +/- .5%	

	Piping Run #1	**Piping Run #2**	**Piping Run #3**	**Piping Run #**
Piping Material:	Polypropylene	Polypropylene	Fiberglass	
Piping Manufacturer:	APT	APT	Smith	
Piping Diameter:	2"	2"	3X2	
Length of Piping Run:	35'	40'	10'	
Product Stored:	Red Diesel	Clear Diesel	Oil	
Method and location of piping-run isolation:	Test boot in sump	Test boot in sump	Test boot above ground	
Wait time between applying pressure/vacuum/water and starting test:	15 minutes	15 minutes	15 minutes	
Test Start Time:	2:40	1:15	10:15	
Initial Reading (R_I):	5 PSI	5 PSI	5 PSI	
Test End Time:	3:40	2:15	11:15	
Final Reading (R_F):	5 PSI	5 Psi	5 PSI	
Test Duration:	1 hour	1 hour	1 hour	
Change in Reading (R_F-R_I):	0	0	0	
Pass/Fail Threshold or Criteria:	0 change	0 change	0 change	
Test Result:	**X Pass ☐ Fail**	**X Pass ☐ Fail**	**X Pass ☐ Fail**	**☐ Pass ☐ Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer ☐ Other *(Specify)*	X Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	X Hydrostatic
Test Equipment Used: Incon TS-STS		Equipment Resolution: .0001"	

	Sump #1Red diesel	Sump #2Clear Diesel	Sump #3Waste oil	Sump #4New oil
Sump Diameter:	**42**	**42**	**41**	**41**
Sump Depth:	**42**	**36**	**52**	**51**
Sump Material:	**Fiberglass**	**Fiberglass**	**Fiberglass**	**Fiberglass**
Height from Tank Top to Top of Highest Piping Penetration:	**12**	**12**	**14**	**11**
Height from Tank Top to Lowest Electrical Penetration:	**26**	**24**	**15**	**21**
Condition of sump prior to testing:	**Good**	**Good**	**Good**	**Good**
Portion of Sump Tested[1]	**14**	**14**	**16**	**14**
Does turbine shut down when sump sensor detects liquid (both product and water)?*	X Yes ☐ No ☐ A	X Yes ☐ No ☐ NA	☐ Yes ☐ No X NA	☐ Yes ☐ No X NA
Turbine shutdown response time	**Immediate**	**immediate**		
Is system programmed for fail-safe shutdown?*	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA
Was fail-safe verified to be operational?*	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA
Wait time between applying pressure/vacuum/water and starting test:	**15 minutes**	**15 minutes**	**15 minutes**	**15 minutes**
Test Start Time:	**3:51/4:10**	**2:02/2:23**	**12:02/12:31**	**12:02/12:31**
Initial Reading (R_I):	**3.3816/3.3814**	**1.3721/1.3725**	**3.1656/3.1141**	**3.9264/3.9273**
Test End Time:	**4:06/4:25**	**2:17/2:38**	**12:17/12:47**	**12:17/12:47**
Final Reading (R_F):	**3.3815/3.3814**	**1.3724/1.3725**	**3.1440/3.0840**	**3.9266/3.9276**
Test Duration:	**15 min/ 15 min**	**15 min/ 15 min**	**15 min/ 15 min**	**15 min/ 15 min**
Change in Reading (R_F-R_I):	**.0002/0**	**.0003/.0000**	**.0216/.0301**	**.0002/.0003**
Pass/Fail Threshold or Criteria:	**>.002**	**>.002**	**>.002**	**>.002**
Test Result:	**X Pass ☐ Fail**	**X Pass ☐ Fail**	**☐ Pass X Fail**	**X Pass ☐ Fail**
Was sensor removed for testing?	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

7. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer ☐ Other *(Specify)*	X Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	X Hydrostatic
Test Equipment Used: Incon TS-STS		Equipment Resolution: .0001"	

	UDC # 1	**UDC # 2**	**UDC # 3**	**UDC #**
UDC Manufacturer:	Bravo	Bravo	Bravo	
UDC Material:	Fiberglass	Fiberglass	Fiberglass	
UDC Depth:	36	36	36	
Height from UDC Bottom to Top of Highest Piping Penetration:	19	17	10	
Height from UDC Bottom to Lowest Electrical Penetration:	24	22	19	
Condition of UDC prior to testing:	Good	Good	Good	
Portion of UDC Tested[1]	21	19	12	
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Turbine shutdown response time	Immediate	Immediate	Immediate	
Is system programmed for fail-safe shutdown?*	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was fail-safe verified to be operational?*	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Wait time between applying pressure/vacuum/water and starting test	15 minutes	15 minutes	15 minutes	
Test Start Time:	10:10/10:35	10:10/10:35	10:54/11:12	
Initial Reading (R_I):	4.4460/4.3016	5.0076/5.0076	1.6610/1.6622	
Test End Time:	10:25/10:50	10:25/10:50	11:09/11:27	
Final Reading (R_F):	4.3614/4.2263	5.0078/5.0074	1.6622/1.6629	
Test Duration:	15 min/ 15 min	15 min/ 15 min	15 min/ 15 min	
Change in Reading (R_F-R_I):	.0846/.0753	.0002/.0002	.0012/.0007	
Pass/Fail Threshold or Criteria:	>.002	>.002	>.002	
Test Result:	**☐ Pass X Fail**	**X Pass ☐ Fail**	**X Pass ☐ Fail**	**☐ Pass ☐ Fail**
Was sensor removed for testing?	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐			
Fill Riser Containment Sumps are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Sump Manufacturer ☐ Other *(Specify)*	X Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	X Hydrostatic
Test Equipment Used: Incon TS-STS		Equipment Resolution: .0001"	

	Fill Sump #1 Red	Fill Sump #2 Clear	Fill Sump #	Fill Sump #
Sump Diameter:	42	42		
Sump Depth:	52	51		
Height from Tank Top to Top of Highest Piping Penetration:	19	16		
Height from Tank Top to Lowest Electrical Penetration:	24	26		
Condition of sump prior to testing:	Good	Good		
Portion of Sump Tested	21	18		
Sump Material:	Fiberglass	Fiberglass		
Wait time between applying pressure/vacuum/water and starting test:	15 minutes	15 minutes		
Test Start Time:	3:51/4:10	1:37/2:02		
Initial Reading (R_I):	3.8463/3.8465	6.1848/6.1848		
Test End Time:	4:06/4:25	1:52/2:17		
Final Reading (R_F):	3.8464/3.8465	6.1848/6.1848		
Test Duration:	15 min/ 15 min	15 min/ 15 min		
Change in Reading (R_F-R_I):	.0001/0	0/0		
Pass/Fail Threshold or Criteria:	>.002	>.002		
Test Result:	**X Pass ☐ Fail**	**X Pass ☐ Fail**	**☐ Pass ☐ Fail**	**☐ Pass ☐ Fail**
Is there a sensor in the sump?	X Yes ☐ No	X Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Does the sensor alarm when either product or water is detected?	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor removed for testing?	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA
Was sensor properly replaced and verified functional after testing?	X Yes ☐ No ☐ NA	X Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐			
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐			
Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Other *(Specify)*	X Industry Standard	☐ Professional Engineer
Test Method Used:	☐ Pressure ☐ Other *(Specify)*	☐ Vacuum	X Hydrostatic
Test Equipment Used:		Equipment Resolution:	

	Spill Box #1 Red	Spill Box #2 Clear	Spill Box #3 WO	Spill Box #
Bucket Diameter:	12	12	12	
Bucket Depth:	12	12	16	
Wait time between applying pressure/vacuum/water and starting test:	15 minutes	15 minutes	15 minutes	
Test Start Time:	2:30	1:30	10:30	
Initial Reading (R_I):	11	11	15	
Test End Time:	3:30	2:30	11:30	
Final Reading (R_F):	11	11	15	
Test Duration:	1 hour	1 hour	1 hour	
Change in Reading (R_F-R_I):	0	0	0	
Pass/Fail Threshold or Criteria:	0 change	0 change	0 change	
Test Result:	**X Pass ☐ Fail**	**X Pass ☐ Fail**	**X Pass ☐ Fail**	**☐ Pass ☐ Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

PETROTECH SERVICE
TESTING SERVICES
VULCAN
2400 W HIGHLAND
SAN BERNADINO

01/20/2015 10:25 AM

SUMP LEAK TEST REPORT

UDC1

TEST STARTED	10:10 AM
TEST STARTED	01/20/2015
BEGIN LEVEL	4.4460 IN
END TIME	10:25 AM
END DATE	01/20/2015
END LEVEL	4.3614 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	FAILED

UDC2

TEST STARTED	10:10 AM
TEST STARTED	01/20/2015
BEGIN LEVEL	5.0076 IN
END TIME	10:25 AM
END DATE	01/20/2015
END LEVEL	5.0078 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PETROTECH SERVICE
TESTING SERVICES
VULCAN
2400 W HIGHLAND
SAN BERNADINO

01/20/2015 11:09 AM

SUMP LEAK TEST REPORT

UDC3

TEST STARTED	10:54 AM
TEST STARTED	01/20/2015
BEGIN LEVEL	1.6610 IN
END TIME	11:09 AM
END DATE	01/20/2015
END LEVEL	1.6622 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PETROTECH SERVICE
TESTING SERVICES
VULCAN
2400 W HIGHLAND
SAN BERNADINO

01/20/2015 12:17 PM

SUMP LEAK TEST REPORT

WOSUMP

TEST STARTED	12:02 PM
TEST STARTED	01/20/2015
BEGIN LEVEL	3.1656 IN
END TIME	12:17 PM
END DATE	01/20/2015
END LEVEL	3.1440 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	FAILED

NUOSUMP

TEST STARTED	12:02 PM
TEST STARTED	01/20/2015
BEGIN LEVEL	3.9264 IN
END TIME	12:17 PM
END DATE	01/20/2015
END LEVEL	3.9266 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PETROTECH SERVICE
TESTING SERVICES
VULCAN
2400 W HIGHLAND
SAN BERNADINO

01/20/2015 10:50 AM

SUMP LEAK TEST REPORT

UDC1

TEST STARTED	10:35 AM
TEST STARTED	01/20/2015
BEGIN LEVEL	4.3016 IN
END TIME	10:50 AM
END DATE	01/20/2015
END LEVEL	4.2263 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	FAILED

UDC2

TEST STARTED	10:35 AM
TEST STARTED	01/20/2015
BEGIN LEVEL	5.0076 IN
END TIME	10:50 AM
END DATE	01/20/2015
END LEVEL	5.0074 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PETROTECH SERVICE
TESTING SERVICES
VULCAN
2400 W HIGHLAND
SAN BERNADINO

01/20/2015 11:27 AM

SUMP LEAK TEST REPORT

UDC3

TEST STARTED	11:12 AM
TEST STARTED	01/20/2015
BEGIN LEVEL	1.6622 IN
END TIME	11:27 AM
END DATE	01/20/2015
END LEVEL	1.6629 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PETROTECH SERVICE
TESTING SERVICES
VULCAN
2400 W HIGHLAND
SAN BERNADINO

01/20/2015 12:47 PM

SUMP LEAK TEST REPORT

WOSUMP

TEST STARTED	12:31 PM
TEST STARTED	01/20/2015
BEGIN LEVEL	3.1141 IN
END TIME	12:47 PM
END DATE	01/20/2015
END LEVEL	3.0840 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	FAILED

NUOSUMP

TEST STARTED	12:31 PM
TEST STARTED	01/20/2015
BEGIN LEVEL	3.9273 IN
END TIME	12:47 PM
END DATE	01/20/2015
END LEVEL	3.9276 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PETROTECH SERVICE
TESTING SERVICES
VULCAN
2400 W HIGHLAND
SAN BERNADINO

01/20/2015 1:52 PM

SUMP LEAK TEST REPORT

CLRFILL

TEST STARTED	1:37 PM
TEST STARTED	01/20/2015
BEGIN LEVEL	6.1848 IN
END TIME	1:52 PM
END DATE	01/20/2015
END LEVEL	6.1848 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PETROTECH SERVICE
TESTING SERVICES
VULCAN
2400 W HIGHLAND
SAN BERNADINO

01/20/2015 2:17 PM

SUMP LEAK TEST REPORT

CLRFILL

TEST STARTED	2:02 PM
TEST STARTED	01/20/2015
BEGIN LEVEL	6.1848 IN
END TIME	2:17 PM
END DATE	01/20/2015
END LEVEL	6.1848 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

CLRSTP

TEST STARTED	2:02 PM
TEST STARTED	01/20/2015
BEGIN LEVEL	1.3721 IN
END TIME	2:17 PM
END DATE	01/20/2015
END LEVEL	1.3724 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

CLRSTP

TEST STARTED	2:23 PM
TEST STARTED	01/20/2015
BEGIN LEVEL	1.3725 IN
END TIME	2:38 PM
END DATE	01/20/2015
END LEVEL	1.3725 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PETROTECH SERVICE
TESTING SERVICES
VULCAN
2400 W HIGHLAND
SAN BERNADINO

01/20/2015 4:06 PM

SUMP LEAK TEST REPORT

REDSTP

TEST STARTED	3:51 PM
TEST STARTED	01/20/2015
BEGIN LEVEL	3.3816 IN
END TIME	4:06 PM
END DATE	01/20/2015
END LEVEL	3.3815 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

REDFILL

TEST STARTED	3:51 PM
TEST STARTED	01/20/2015
BEGIN LEVEL	3.8463 IN
END TIME	4:06 PM
END DATE	01/20/2015
END LEVEL	3.8464 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PETROTECH SERVICE
TESTING SERVICES
VULCAN
2400 W HIGHLAND
SAN BERNADINO

01/20/2015 4:25 PM

SUMP LEAK TEST REPORT

REDSTP

TEST STARTED	4:10 PM
TEST STARTED	01/20/2015
BEGIN LEVEL	3.3814 IN
END TIME	4:25 PM
END DATE	01/20/2015
END LEVEL	3.3814 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

REDFILL

TEST STARTED	4:10 PM
TEST STARTED	01/20/2015
BEGIN LEVEL	3.8465 IN
END TIME	4:25 PM
END DATE	01/20/2015
END LEVEL	3.8465 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

CUPA COMPLIANCE INSPECTION REPORT

NAME: **VULCAN MATERIALS WEST DIVISION** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** INSPECTION DATE: **1/20/2015**

Inspector was given permission to: [X] photograph [X] inspect

Inspection Narrative (v020000)

PURPOSE:
Witness and verification of 3 YEAR Secondary Containment (SB989) TEST
Contractor: Petrotech – CSLB 991520 A Haz 3/31/16
UST Tester: Philip Smith
Certifications – CSLB verified, ICC, and INCON Level 4 – current
Onsite representatives: Tad Barnett, Assistant Plant Manager

SECONDARY CONTAINMENT TESTING OBSERVATIONS:
-Testing in progress. Did not witness complete test.
-Pressure gauge is new – no certification sticker. New Oil Secondary Containment Fiberglass Line passed 5 psi for 60 minutes. Test of remaining secondary containment piping in progress.
-Vacuum gauge proof of calibration not available – provide proof of calibration within 10 days or receipt of new gauges. Contractor reported, annular space for UST tested at -10"Hg for 2 hours without loss of vacuum.
-Incon device used for UDC and Containment testing
-- UDC 2 and 3 – passed with 2 consecutive 0.002" test.
--UDC 1 and waste oil sump – inconsistent results. Retesting in progress.
Contractor stated that SB989 test water will be drummed, labeled, and left onsite. The facility is responsible for the appropriate and timely disposal of liquid. Maintain proof of proper disposal.

REMINDERS:
Secondary containment test results must be reported within 30 days of test.
A UST modification permit and witnessed retest is required for all repairs other than replacement of test boots and/or tighten clamps. If appropriate, apply for permit within 30 days to make repairs. An inspector will be present at retest to verify correction of failures. For questions regarding permit or scheduling contact the UST Clerk at (909) 386-8464.

INSPECTED BY:	RECEIVED BY:
THERESA CONGDON	Signature Date Time: LTR:
NAME **ICC#8001460**	INSPECTION DATE: 01/20/2015 NAME PRINTED ON: 1/20/15 1:47 pm TITLE

NOTICE OF VIOLATION: THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN THE SPECIFIED TIMEFRAME. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION.

Congdon, Theresa

From: Congdon, Theresa
Sent: Wednesday, January 21, 2015 10:15 AM
To: 'barnettt@vmcmail.com'
Subject: FW:
Attachments: FA1676 SB989 3 year test.pdf

Resent to email based on spelling of name and not business card.
Hopefully, this will go through.

From: Congdon, Theresa
Sent: Tuesday, January 20, 2015 1:56 PM
To: barnttt@vmcmail.com; sibolef@vmcmail.com; stjohnc@vmcmail.com
Subject:

Name of Recipient: Charles St John
An inspection was conducted on **1/20/15** at **2400 W. Highland Ave, San Bernardino**. Attached to this email is a PDF copy of the official CUPA inspection report from the San Bernardino County Fire Department. Please contact the Department if you have any questions related to the inspection or to report difficulties viewing the inspection report.

Note that Adobe Acrobat Reader is required to open and view the inspection report.
A free download of Adobe Acrobat Reader is available at http://get.adobe.com/reader/

Please confirm receipt of this email. If we do not receive a failed delivery notice, we will presume a successful delivery of this email message has been made.

Inspector: Theresa Congdon, REHS ICC 8001460-UI
Email: tcongdon@sbcfire.org
Phone: (909) 386-8464
All CUPA Forms are available at http://www.sbcfire.org/hazmat/forms_guidelines.aspx
This message contains information, which is CONFIDENTIAL and privileged. Unless you are the addressee (or authorized to receive for the addressee), you may not use, copy or disclose to anyone the message or any information contained in the message. If you have received the message in error, please advise the sender by reply e-mail and delete the message. Thank you very much.

Vulcan Materials Company

TAD BARNETT
ASSISTANT PLANT MANAGER
West Region

2400 W. HIGHLAND AVENUE • SAN BERNARDINO, CA 92407
27300 HODGE ROAD • BARSTOW, CA 92311
PHONE 909-875-1150 • FAX 909-873-0658 • CELL 909-772-7061
www.vulcanmaterials.com E-MAIL barnttt@vmcmail.com

Vulcan Materials Company

FLOYD SIBOLE
Plant Manager
Western Division

2400 W. HIGHLAND AVENUE • SAN BERNARDINO, CA 92407
PHONE 909-875-1150 EXT 223 • FAX 909-873-0658 • CELL 909-841-1081
www.vulcanmaterials.com E-MAIL sibolef@vmcmail.com

FA#1676

Appendix VI

(Copies of Monitoring System Certification form and UST Monitoring Plot Plan available at http://www.waterboards.ca.gov.)

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: Vulcan Materials Co. Bldg. No.:

Site Address: 2400 W. Highland City: San Bernardino Zip:

Facility Contact Person: FLOYD SIBOLE Contact Phone No.: (909) 875-1150

Make/Model of Monitoring System: Veeder Root TLS-350 Date of Testing/Servicing: 7 / 1 / 2014

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: 1 Clear Diesel	**Tank ID:** 2 Red Dye Diesel
x In-Tank Gauging Probe. Model: 847390-109	x In-Tank Gauging Probe. Model: 847390-109
x Annular Space or Vault Sensor. Model: 794390-420	x Annular Space or Vault Sensor. Model: 794390-420
x Piping Sump / Trench Sensor(s). Model: 794380-208	x Piping Sump / Trench Sensor(s). Model: 794380-208
x Fill Sump Sensor(s). Model: 794380-208	x Fill Sump Sensor(s). Model: 794380-208
x Mechanical Line Leak Detector. Model: VMI LD-2000	x Mechanical Line Leak Detector. Model: VMI LD-2000
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
x Tank Overfill / High-Level Sensor. Model: 847390-709	x Tank Overfill / High-Level Sensor. Model: 847390-109
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Tank ID: 3 Waste Oil	**Tank ID:** 4 New Oil
☐ In-Tank Gauging Probe. Model:	☐ In-Tank Gauging Probe. Model:
x Annular Space or Vault Sensor. Model: 794390-420	x Annular Space or Vault Sensor. Model: 794390-420
☐ Piping Sump / Trench Sensor(s). Model:	x Piping Sump / Trench Sensor(s). Model: 794380-208
x Fill Sump Sensor(s). Model: 794380-208	☐ Fill Sump Sensor(s). Model:
☐ Mechanical Line Leak Detector. Model:	☐ Mechanical Line Leak Detector. Model:
☐ Electronic Line Leak Detector. Model:	☐ Electronic Line Leak Detector. Model:
x Tank Overfill / High-Level Sensor. Model: 794390-420	x Tank Overfill / High-Level Sensor. Model: 794390-420
☐ Other (specify equipment type and model in Section E on Page 2).	☐ Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: Disp. 1	**Dispenser ID:**
x Dispenser Containment Sensor(s). Model: 794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: Disp. 2	**Dispenser ID:**
x Dispenser Containment Sensor(s). Model: 794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s).	☐ Dispenser Containment Float(s) and Chain(s).
Dispenser ID: Disp.3	**Dispenser ID:**
x Dispenser Containment Sensor(s). Model: 794380-208	☐ Dispenser Containment Sensor(s). Model:
x Shear Valve(s).	☐ Shear Valve(s).
☐ Dispenser Containment Float(s) and Chain(s	☐ Dispenser Containment Float(s) and Chain(s).

*If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. **Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*:** x System set-up x Alarm history report

Technician Name (print): Philip B. Smith Signature:

Certification No.: A30819, ICC 5263352 License. No.: 991520

Testing Company Name: Petrotech Service Phone No.:(951) 210-5745

Testing Company Address: 31080 Park Blvd. Nuevo, Ca. 92567 Date of Testing/Servicing: 7 / 1 / 2014

ENTERED
JUL 21 2014
RECEIVED
JUL 08 2014
S.B. CO. FIRE DEPT.

1

2/21/07

D. Results of Testing/Servicing

Software Version Installed: 17.02

Complete the following checklist:

x Yes	☐ No*	Is the audible alarm operational?
x Yes	☐ No*	Is the visual alarm operational?
x Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
x Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No* x N/A	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
x Yes	☐ No* ☐ N/A	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* x Sump/Trench Sensors; x Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? x Yes; ☐ No.
x Yes	☐ No* ☐ N/A	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? 90 %
☐ Yes*	x No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
x Yes*	☐ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product; ☐ Water. If yes, describe causes in Section E, below.
x Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
x Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: Found small amount of water in Red Diesel Fill sump. Removed to barrel and left on site for customer disposal.

F. In-Tank Gauging / SIR Equipment:

x Check this box if tank gauging is used only for inventory control.
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

x Check this box if LLDs are not installed.

Complete the following checklist:

x Yes	☐ No* ☐ N/A	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? *(Check all that apply)* Simulated leak rate: x 3 g.p.h.; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
x Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
x Yes	☐ No*	Was the testing apparatus properly calibrated?
x Yes	☐ No* ☐ N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
☐ Yes	☐ No* x N/A	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
☐ Yes	☐ No* x N/A	For electronic LLDs, have all accessible wiring connections been visually inspected?
x Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials Co.	Date of Testing:	7/1/2014
Facility Address:	2400 W. Highland, San Bernardino		
Facility Contact:	Floyd Sibole	Phone:	909-875-1150
Date Local Agency Was Notified of Testing :	June 3, 2014		
Name of Local Agency Inspector *(if present during testing)*:			

2. TESTING CONTRACTOR INFORMATION

Company Name:	Petrotech Service
Technician Conducting Test:	Philip B. Smith
Credentials[1]:	X CSLB Contractor XICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)* _____
License Number(s):	991520 5263352

3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	x Hydrostatic	☐ Vacuum	☐ Other	
Test Equipment Used:	Visual		Equipment Resolution:	

Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**1 Diesel**	**2Red Diesel**	**3Waste Oil**	**4**
Bucket Installation Type:	☐ Direct Bury x Contained in Sump	☐ Direct Bury x Contained in Sump	☐ Direct Bury x Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	16"	
Bucket Depth:	12"	12"	12"	
Wait time between applying vacuum/water and start of test:	10 minutes	10 minutes	10 minutes	
Test Start Time (T_I):	8:00 A.M.	8:00 A.M.	8:00 A.M.	
Initial Reading (R_I):	11"	11"	15"	
Test End Time (T_F):	9:00 A.M.	9:00 A.M.	9:00 A.M.	
Final Reading (R_F):	11"	11"	15"	
Test Duration ($T_F - T_I$):	1 hour	1 hour	1 hour	
Change in Reading ($R_F - R_I$):	0	0	0	
Pass/Fail Threshold or Criteria:	0 drop	0 drop	0 drop	
Test Result:	**x Pass ☐ Fail**	**x Pass ☐ Fail**	**x Pass ☐ Fail**	**☐ Pass ☐ Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: _____ Date: 7/1/2014

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

SYSTEM SETUP

JUL 1, 2014 12:10 PM

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH
SYSTEM DATE/TIME FORMAT
MON DD YYYY HH:MM:SS xM

VULCAN
2400 W. HIGHLAND
SAN BERNARDINO,CA

SHIFT TIME 1 : DISABLED
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

TANK PERIODIC WARNINGS
DISABLED
TANK ANNUAL WARNINGS
DISABLED
LINE PERIODIC WARNINGS
DISABLED
LINE ANNUAL WARNINGS
DISABLED

PRINT TC VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F): 60.0
STICK HEIGHT OFFSET
DISABLED
DAYLIGHT SAVING TIME
ENABLED
START DATE
MAR WEEK 2 SUN
START TIME
2:00 AM
END DATE
NOV WEEK 1 SUN
END TIME
2:00 AM

SYSTEM SECURITY
CODE : 000000

IN-TANK SETUP

T 1:CLEAR DIESEL

PRODUCT CODE	1
THERMAL COEFF	.000450
TANK DIAMETER	111.50
TANK PROFILE	1 PT
FULL VOL	12062

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING	2.0
HIGH WATER LIMIT	3.0
MAX OR LABEL VOL	11900
OVERFILL LIMIT	90%
	10710
HIGH PRODUCT	95%
	11305
DELIVERY LIMIT	15%
	1809
LOW PRODUCT	1500
LEAK ALARM LIMIT	99
SUDDEN LOSS LIMIT	99
TANK TILT	0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC	0%
	0
LEAK MIN ANNUAL	0%
	0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

T 2:RED DIESEL

PRODUCT CODE	2
THERMAL COEFF	.000450
TANK DIAMETER	112.00
TANK PROFILE	1 PT
FULL VOL	20002

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING	2.0
HIGH WATER LIMIT	3.0
MAX OR LABEL VOL	19800
OVERFILL LIMIT	90%
	17820
HIGH PRODUCT	95%
	18810
DELIVERY LIMIT	5%
	1000
LOW PRODUCT	500
LEAK ALARM LIMIT	99
SUDDEN LOSS LIMIT	99
TANK TILT	0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC	0%
	0
LEAK MIN ANNUAL	0%
	0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 1:RED TURBINE SUMP
STP SUMP
FUEL ALARM
JUL 1, 2014 8:58 AM

FUEL ALARM
NOV 21, 2013 2:47 AM

FUEL ALARM
AUG 29, 2013 2:50 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 2:RED FILK SUMP
OTHER SENSORS
FUEL ALARM
JUL 1, 2014 9:59 AM

FUEL ALARM
JUL 1, 2014 8:57 AM

FUEL ALARM
AUG 29, 2013 2:50 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 3:DISP 3 UDC
DISPENSER PAN
FUEL ALARM
JUL 1, 2014 9:39 AM

FUEL ALARM
JUN 30, 2014 12:05 PM

SENSOR OUT ALARM
JUL 5, 2013 10:19 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 5:DISP 1 UDC
DISPENSER PAN
FUEL ALARM
JUL 1, 2014 9:55 AM

FUEL ALARM
JUN 30, 2014 12:07 PM

SENSOR OUT ALARM
JUL 5, 2013 10:19 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 6:BULK OIL SUMP
OTHER SENSORS
FUEL ALARM
JUL 1, 2014 9:34 AM

FUEL ALARM
JUN 30, 2014 11:46 AM

FUEL ALARM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 7:CLEAR FILL SUMP
OTHER SENSORS
FUEL ALARM
JUL 1, 2014 9:34 AM

FUEL ALARM
JUN 30, 2014 11:45 AM

SENSOR OUT ALARM
JUL 5, 2013 10:19 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 8:CLEAR TURBINE SUMP
STP SUMP
FUEL ALARM
JUL 1, 2014 9:00 AM

FUEL ALARM
JUN 30, 2014 11:41 AM

FUEL ALARM
NOV 21, 2013 2:18 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 8:CLEAR TURBINE SUMP
STP SUMP
FUEL ALARM
JUL 1, 2014 9:00 AM

FUEL ALARM
JUN 30, 2014 11:41 AM

FUEL ALARM
NOV 21, 2013 2:18 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 9:WASTE OIL
OTHER SENSORS
SENSOR OUT ALARM
JUL 1, 2014 10:22 AM

FUEL ALARM
JUL 1, 2014 9:36 AM

FUEL ALARM
JUN 30, 2014 11:54 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L10:SPILT ANNULAR
ANNULAR SPACE
SENSOR OUT ALARM
JUL 1, 2014 10:22 AM

FUEL ALARM
JUL 1, 2014 9:36 AM

FUEL ALARM
JUL 5, 2013 10:08 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L11:RED ANNULAR
ANNULAR SPACE
SENSOR OUT ALARM
JUL 1, 2014 10:22 AM

FUEL ALARM
JUL 1, 2014 8:56 AM

FUEL ALARM
JUL 5, 2013 10:01 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L12:WASTE HI LEVEL
OTHER SENSORS
SENSOR OUT ALARM
JUL 1, 2014 10:22 AM

FUEL ALARM
JUL 1, 2014 9:37 AM

FUEL ALARM
JUN 30, 2014 11:55 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 4:DISP 2 UDC
DISPENSER PAN
FUEL ALARM
JUL 1, 2014 9:54 AM

FUEL ALARM
JUN 30, 2014 12:09 PM

SENSOR OUT ALARM
JUL 5, 2013 10:19 AM

ALARM HISTORY REPORT

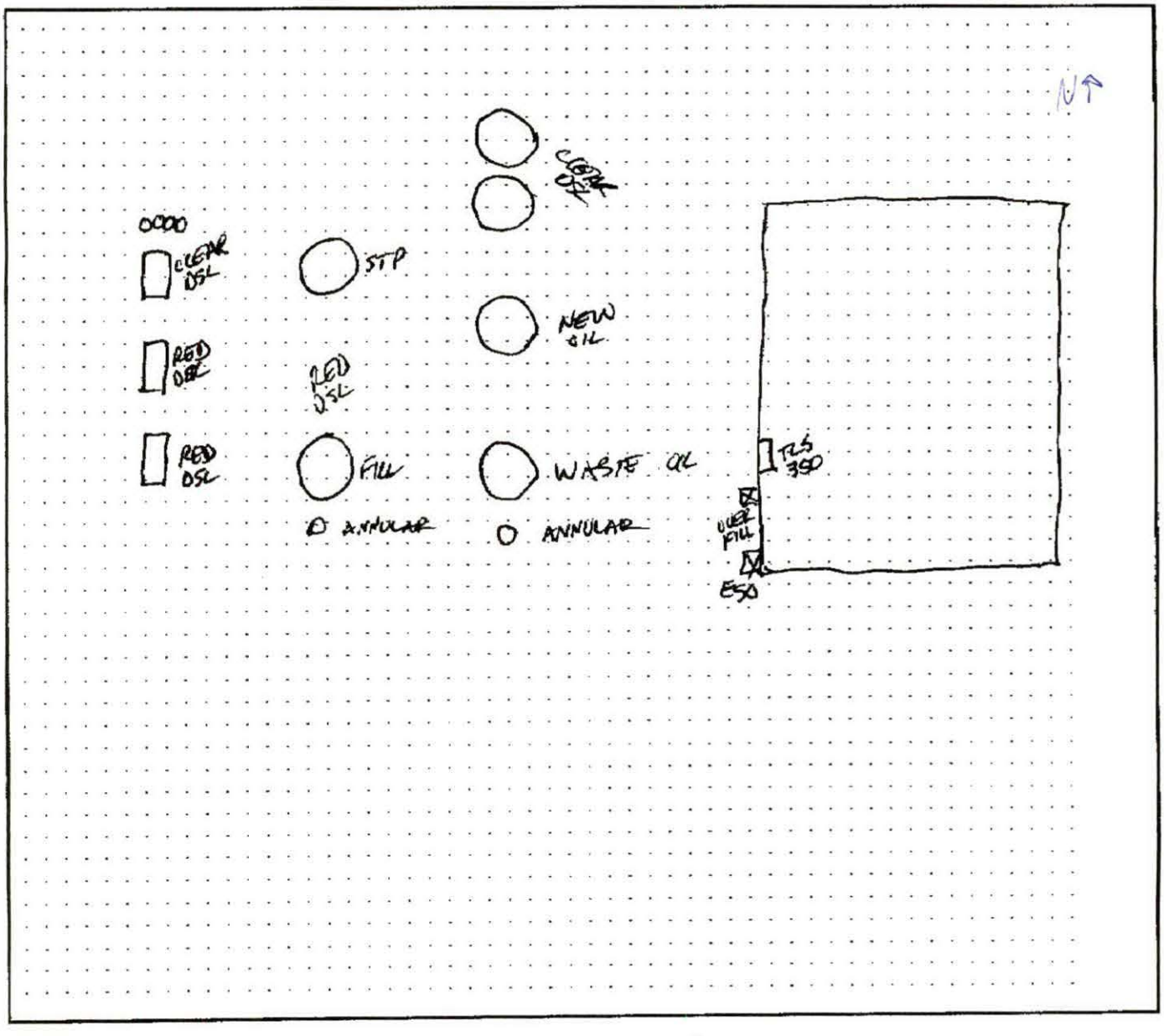
----- SENSOR ALARM -----
L13:BULK HI LEVEL
OTHER SENSORS
SENSOR OUT ALARM
JUL 1, 2014 10:22 AM

FUEL ALARM
JUL 1, 2014 9:38 AM

FUEL ALARM
JUN 30, 2014 11:49 AM

UST Monitoring Site Plan

Site Address: 2400 HIGHLAND AVE, SAN BERNARDINO



Date map was drawn: 7/1/14

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

Saguan, Adrian

From: Sibole, Floyd [sibolef@vmcmail.com]
Sent: Tuesday, July 01, 2014 1:40 PM
To: Saguan, Adrian
Cc: Charles St John
Subject: Re: Scanned image from PRP
Attachments: 7-1-14 Signed Certificate of Compliance.pdf

Adrian

Here is the last page signed

Thank you

On Tue, Jul 1, 2014 at 1:27 PM, Saguan, Adrian <asaguan@sbcfire.org> wrote:
Good Afternoon Floyd,
Just want to confirm the reciept of your email, and that I was able to confirm submittal on line in CERS. I appreciate the prompt compliance. Can you do me a favor and sign the Certificate of Compliance (just the last page of the inspection report) and send it to me. Email is fine.

Thankyou,
Adrian Saguan

From: Sibole, Floyd [mailto:sibolef@vmcmail.com]
Sent: Tue 7/1/2014 11:25 AM
To: Saguan, Adrian
Subject: Fwd: Scanned image from PRP

Adrian

It looks like this is completed.

---------- Forwarded message ----------
From: **St John, Charles** <stjohnc@vmcmail.com>
Date: Tue, Jul 1, 2014 at 11:19 AM
Subject: Fwd: Scanned image from PRP
To: Floyd E Sibole <sibolef@vmcmail.com>, Tony Varisco Jr <variscot@vmcmail.com>

Just uploaded it

Charles St. John
LA Regional Environmental Manager
818-553-8938

---------- Forwarded message ----------
From: **WED-PRP-Sharp-Cpr@vmcmail.com** <WED-PRP-Sharp-Cpr@vmcmail.com>

Date: Tue, Jul 1, 2014 at 12:23 PM
Subject: Scanned image from PRP
To: stjohnc@vmcmail.com

Reply to: WED-PRP-Sharp-Cpr@vmcmail.com <WED-PRP-Sharp-Cpr@vmcmail.com>
Device Name: PRP
Device Model: MX-5111N
Location: Properties Copy Area

File Format: PDF (Medium)
Resolution: 200dpi x 200dpi

Attached file is scanned image in PDF format.
Use Acrobat(R)Reader(R) or Adobe(R)Reader(R) of Adobe Systems Incorporated to view the document.
Adobe(R)Reader(R) can be downloaded from the following URL:
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http://www.adobe.com/

--
Floyd Sibole

Plant Manager

Vulcan Materials Company

2400 W. Highland Ave.

San Bernardino Ca. 92407

Office (909) 875-1150 Ext. 223

Cell (909) 841-1081

Fax (909) 875-0658

E-Mail sibolef@vmcmail.com

--
Floyd Sibole

Plant Manager

Vulcan Materials Company

2400 W. Highland Ave.

San Bernardino Ca. 92407

Office (909) 875-1150 Ext. 223

Cell (909) 841-1081

Fax (909) 875-0658

E-Mail sibolef@vmcmail.com

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

CERTIFICATE OF COMPLIANCE

Return Certification within 30 Days of Reciept to Inspector ADRIAN SAGUAN

RESPONDENT: FLOYD SIBOLE

VIOLATION(S) CITED ON: 7/1/2014 CERTIFICATE OF COMPLIANCE DATE: 7/1/2014

NAME: **VULCAN MATERIALS WEST DIVISION #2**	FACILITY ID: **FA0001676**
ADDRESS: **2400 W HIGHLAND AVE**	CERS ID:**10036714**
CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407**	

Attach the following documentation when returning the Certificate of Compliance:

0307 Submit a completed Certificate of Financial Responsibility and/or the applicable evidence detailing mechanism of financial responsibility.EVIDENCE OF FINANCIAL RESPONSIBILITY FOR UST SYSTEM SUBMITTED ON LINE IN CERS IS EXPIRED AND INCOMPLETE MISSING THE CERTIFICATE OF FINANCIAL RESPONSIBILITY WHICH IS ON A STATE FORM. THE INSURANCE POLICY SUBMITTED ON LINE IN CERS UNDER OLD REPUBLIC INSURANCE COMPANY EXPIRED 1/1/14. COMPLETE THE CERTIFICATE OF FINANCIAL RESPONSIBILITY (ON THE STATE FORM) AND INCLUDE IT WITH THE UPDATED EVIDENCE OF FINANCIAL RESPONSIBILITY ON LINE IN CERS WITHIN 30 DAYS.

I certify under penalty of law that:

- Respondent has corrected violations specified in the above-entitled action.
- I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- I am authorized to file this certification on behalf of the Respondent.
- I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Floyd Sibole — SIGNATURE

7/1/14 — DATE

FLOYD SIBOLE — PRINT NAME

PLANT MANAGER — TITLE

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CUPA COMPLIANCE INSPECTION REPORT

NAME: **VULCAN MATERIALS WEST DIVISION #2** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** INSPECTION DATE: **7/1/2014**

Inspector was given permission to: [X] photograph [X] inspect

Inspection Narrative (v020000)
An annual UST inspection with monitoring system certification was conducted. Phillip Smith with Pacific Systems was the technician on site with the following certifications verified:
-ICC UST Service Technician #5263352 expires 9/19/2015
-Veeder Root Technician Level 4 #A30819 expires 2/8/16
-Vaporless#3231 expires 12/24/14

UST system consists of:
-(1) – 20,000 gallon diesel double walled tank
-(1) – 12,000 gallon diesel double walled tank
-(1) – 3,500 gallon motor oil double walled tank
-(1) – 4,500 gallon waste oil double walled tank
-(3) – UDCs
*Note: the 12k diesel, motor oil and waste oil tanks are a 3 compartment tank with shared annular.

Documents Reviewed:
-UST Permit Information (5050) updated.
-UST Monitoring/Response Plans, Evidence of Financial Responsibility for UST system, signed UST D.O. Statement/Agreement and UST Permit Application with tank forms submitted on line through CERS.
-D.O. UST Monthly Inspection Reports for the previous 12 months available for review.
-UST D.O. Employee Training provided and documented.
-Last UST Monitoring System Certification was on 7/5/2013.
-Last SB989 Test was on 1/23/2012. Next SB989 Test will be due on or before 1/23/2015.

UST sensors/components tested:
-STP/Fill/Piping sump sensors (VR208) –Ok
-Annulars (VR420) –Ok
-Mechanical Line Leak Detectors – Ok
-UDC's (VR208) –Ok
-Spill Buckets (1 hour visual water test) – Ok
-Failsafe –Ok
-Sensor Out –Ok
-ESO –Ok
-Overfill Prevention (ATG's for the fuel tanks and VR420 for the Motor Oil/Used Oil tanks) – Ok

Correct all violations immediately within the time frames specified in this report.

*Note: If you have any questions regarding CERS, please call the CERS Help Line at (909) 386-8432.

The following lines marked in the V column are violations that must be corrected. Marked items in the N column require additional information to determine compliance.

VIOLATION CODE	DESCRIPTION	SECTION	V	N
41	**UNDERGROUND STORAGE TANKS (UST)**			
0301	Failure to obtain an underground storage tank (UST) permit for each UST	S.B. COUNTY CODE 23.0722(a)		
0303	Failure to complete and submit an application for a permit to operate a UST	CAL. HEALTH & SAFETY CODE 25286(a)		
0304	Failure to have UST monitoring and maintenance records available on site	C.C.R. TITLE 23 CH. 16 2712(b)		
0305	Failure to correct past UST violations within 30 days of receiving a UST inspection report	C.C.R. TITLE 23 CH. 16 2712(f)		
0306	Failure to establish a written agreement with the Operator of a UST to monitor the UST system	CAL. HEALTH & SAFETY CODE 25284(a)(3)(A)		

0307	Failure to maintain evidence of financ onsibility for a UST system	CAL. HEAL AFETY CODE 25292.2(a)	X	
Violation:	Owner/Operator of a UST system shall maintain evidence of financial responsibility for releases from the UST system.			
Correction:	Submit a completed Certificate of Financial Responsibility and/or the applicable evidence detailing mechanism of financial responsibility.			
Observation:	EVIDENCE OF FINANCIAL RESPONSIBILITY FOR UST SYSTEM SUBMITTED ON LINE IN CERS IS EXPIRED AND INCOMPLETE MISSING THE CERTIFICATE OF FINANCIAL RESPONSIBILITY WHICH IS ON A STATE FORM. THE INSURANCE POLICY SUBMITTED ON LINE IN CERS UNDER OLD REPUBLIC INSURANCE COMPANY EXPIRED 1/1/14. COMPLETE THE CERTIFICATE OF FINANCIAL RESPONSIBILITY (ON THE STATE FORM) AND INCLUDE IT WITH THE UPDATED EVIDENCE OF FINANCIAL RESPONSIBILITY ON LINE IN CERS WITHIN 30 DAYS. Comply by date: **7/31/2014**			
0308	Failure to submit change of ownership within 30 days from the date of the transfer of the UST	CAL. HEALTH & SAFETY CODE 25284(c)		
0309	Failure to properly monitor UST system as specified by the permit	CAL. HEALTH & SAFETY CODE 25293		
0312	Failure to submit a signed Designated UST Operator Statement	C.C.R. TITLE 23 CH. 16 2715(a)		
0313	Failure to have monthly documented Designated UST Operator visual inspection reports	C.C.R. TITLE 23 CH. 16 2715(c)		
0314	Failure to affix a certification tag/sticker to each monitoring equipment component	C.C.R. TITLE 23 CH. 16 2638(f)		
0315	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2641(h)		
0317	Failure to certify the monitoring equipment annually	C.C.R. TITLE 23 CH. 16 2641(j)		
0318	Failure to have monitoring equipment located to properly detect a release	C.C.R. TITLE 23 CH. 16 2630(d)	X	
Violation:	Owner/Operator shall verify that all monitoring equipment is installed and maintained such that the equipment is capable of detecting a leak at the earliest possible opportunity.			
Correction:	Submit a photo and/or signed statement that the monitoring equipment is working properly and located to detect a leak at the earliest possible opportunity.			
Observation:	OBSERVED POOLED LIQUIDS INSIDE THE 20K DIESEL FILL SUMP. WHEN THE VR208 SENSOR WAS PLACED AT THE LOWEST POINT ON THE SUMP, THE UST MONITORING SYSTEM WENT INTO ALARM INDICATING THAT THE VR208 SENSOR WAS NOT PLACED AT THE LOWEST POINT OF THE SUMP. LIQUID SENSOR WAS PLACED AT THE LOWEST POINT OF THE SUMP BY THE UST TECHNICIAN AND VIOLATION CORRECTED AT THE TIME OF INSPECTION. Comply by date: **7/11/2014** Complied on: **7/1/2014**			
0322	Failure to test single-walled suction piping every 3 years	C.C.R. TITLE 23 CH. 16 2643(d)		
0323	Failure of secondary containment to prevent intrusion of liquid into sump/UDC(s)	CAL. HEALTH & SAFETY CODE 25291	X	
Violation:	Owner/Operator of a pre-2004 UST system shall ensure that secondary containment is constructed, operated and maintained in a manner to prevent intrusion of any liquid into the system by precipitation, infiltration, or surface runoff.			
Correction:	Submit a workplan to implement any required corrections to maintain sumps/UDCs clean and dry . Contact this Division prior to making repairs.			
Observation:	OBSERVED POOLED LIQUIDS INSIDE THE 20K DIESEL FILL SUMP. WHEN THE VR208 SENSOR WAS PLACED AT THE LOWEST POINT ON THE SUMP, THE UST MONITORING SYSTEM WENT INTO ALARM INDICATING THAT THE VR208 SENSOR WAS NOT PLACED AT THE LOWEST POINT OF THE SUMP. POOLED LIQUIDS WAS REMOVED AND VIOLATION CORRECTED AT THE TIME OF INSPECTION. Comply by date: **7/31/2014** Complied on: **7/1/2014**			
0324	Failure to install/maintain operational automatic line leak detector(s)	C.C.R. TITLE 23 CH. 16 2636(f)(2)		
0327	Failure to install/maintain an overfill prevention system	C.C.R. TITLE 23 CH. 16 2635(b)(2)		
0328	Failure to test the secondary containment systems	C.C.R. TITLE 23 CH. 16 2637(a)		
0329	Failure to meet the design, construction and monitoring requirements for "new" UST systems	C.C.R. TITLE 23 CH. 16 2630		
0330	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2632(d)		
0331	Failure to certify the monitoring system annually	C.C.R. TITLE 23 CH. 16 2638(a)		
0333	Failure to annually test overspill containment structure	CAL. HEALTH & SAFETY CODE 25284.2		
0334	Failure to maintain a functioning audible and visual alarm	C.C.R. TITLE 23 CH. 16 2632(c)(2)(B)		
0335	Failure to install an approved emergency disconnect switch device (ESO)	CAL. FIRE CODE 2203.2		
0336	Failure to properly install, maintain and test approved emergency shutoff/shear valve at dispensers	CAL. FIRE CODE 2206.7.4		
0337	Failure to have approved portable fire extinguishers present and charged	CAL. FIRE CODE 2205.5		
0338	Failure to have approved address/building/identification numbers visible from the street	CAL. FIRE CODE 505.1		
0339	Failure to properly maintain Spill Container Drain Valve	C.C.R. TITLE 23 CH. 16 2635(b)(1)(C)		
0340	Failure to operate a UST system to prevent unauthorized release	CAL. HEALTH & SAFETY CODE 25292.1(a)		
0342	Unlawful abandonment of a UST system	CAL. HEALTH & SAFETY CODE 25298(a)		
0343	Failure to lawfully close a UST system	CAL. HEALTH & SAFETY CODE 25298(c)		
0344	Failure to temporarily close a UST system	CAL. HEALTH & SAFETY CODE 25298(b)		
0345	Failure of secondary containment to prevent intrusion of water into the system	CAL. HEALTH & SAFETY CODE 25290.1(c)(3)		
0346	Failure to meet the upgrade requirements for the UST system (existing)	CAL. HEALTH & SAFETY CODE 25292(d)		
0347	Unlawful deposit of petroleum into a Red-Tagged UST system	CAL. HEALTH & SAFETY CODE 25292.3(c)		
0349	Failure to implement an enhanced leak detection (ELD) program after notification	C.C.R. TITLE 23 CH. 16 2640(e)		
0354	Failure to conduct tank tests monthly using the Automatic Tank Gauging (ATG) (existing)	C.C.R. TITLE 23 CH. 16 2643(b)(1)		

0355	Failure to conduct monthly SIR in con[illegible]n with a biennial UST integrity test	C.C.R. TITL[illegible]H. 16 2643(b)(3)		
0358	Failure to perform weekly manual tank gauging with UST integrity testing (existing)	C.C.R. TITL[illegible]H. 16 2645(b)		
0362	Failure to have a monthly test with an hourly PLLD on pressurized single-walled product pipe	C.C.R. TITLE 23 CH. 16 2643(c)(2)		
0363	Failure to conduct annual testing of the piping leak detection method	C.C.R. TITLE 23 CH. 16 2643(c)(3)		
0367	Failure to install a check valve directly below the suction pump	C.C.R. TITLE 23 CH. 16 2636(a)(3)(C)		
0368	Failure to conduct testing of the piping leak monitoring system on gravity fed piping	C.C.R. TITLE 23 CH. 16 2643(e)		
0369	Failure to have the cathodic protection system tested every three years	C.C.R. TITLE 23 CH. 16 2635(a)(2)(A)		
0370	Failure to inspect the impressed-current cathodic protection system every 60 days	C.C.R. TITLE 23 CH. 16 2635(a)(2)(A)		
0371	Failure to have interior lining inspected w/in 10 years of installation and every 5 years thereafter	C.C.R. TITLE 23 CH. 16 2663(h)		
0373	Failure to submit the monitoring system certification report within 30 days of test completion	C.C.R. TITLE 23 CH. 16 2638(d)		
0374	Failure to report an unauthorized release that has escaped the UST secondary containment	CAL. HEALTH & SAFETY CODE 25295(a)(1)		
0375	Failure to meet design, construction and monitoring requirements for tank(s) installed prior to 1984	C.C.R. TITLE 23 CH. 16 2640		
0377	Failure to comply by UST Owner/Operator	CAL. HEALTH & SAFETY CODE 25280.6		
0378	Failure to install/maintain approved monitoring equipment for existing UST system(s)	C.C.R. TITLE 23 CH. 16 2641(a)		
0399	Failure to obtain a UST construction permit and plan approval	S.B. COUNTY CODE 23.0603(a)		

INSPECTED BY:	RECEIVED BY:	Signature Date Time: 7/1/14 11:05:33AM
		LTR:7/1/2014 10:55:58AM
ADRIAN SAGUAN	FLOYD SIBOLE	PLANT MANAGER
NAME **ICC#8019654**	INSPECTION DATE: 07/01/2014 NAME	PRINTED ON: 7/1/14 11:06 am TITLE

[X] **NOTICE OF VIOLATION: THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN THE SPECIFIED TIMEFRAME. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION.**

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CERTIFICATE OF COMPLIANCE

Return Certification within 30 Days of Reciept to Inspector ADRIAN SAGUAN

RESPONDENT: FLOYD SIBOLE

VIOLATION(S) CITED ON: 7/1/2014 CERTIFICATE OF COMPLIANCE DATE: 7/1/2014

NAME: **VULCAN MATERIALS WEST DIVISION #2** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407**

Attach the following documentation when returning the Certificate of Compliance:

0307 Submit a completed Certificate of Financial Responsibility and/or the applicable evidence detailing mechanism of financial responsibility.EVIDENCE OF FINANCIAL RESPONSIBILITY FOR UST SYSTEM SUBMITTED ON LINE IN CERS IS EXPIRED AND INCOMPLETE MISSING THE CERTIFICATE OF FINANCIAL RESPONSIBILITY WHICH IS ON A STATE FORM. THE INSURANCE POLICY SUBMITTED ON LINE IN CERS UNDER OLD REPUBLIC INSURANCE COMPANY EXPIRED 1/1/14. COMPLETE THE CERTIFICATE OF FINANCIAL RESPONSIBILITY (ON THE STATE FORM) AND INCLUDE IT WITH THE UPDATED EVIDENCE OF FINANCIAL RESPONSIBILITY ON LINE IN CERS WITHIN 30 DAYS.

I certify under penalty of law that:

- Respondent has corrected violations specified in the above-entitled action.
- I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- I am authorized to file this certification on behalf of the Respondent.
- I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

SIGNATURE DATE

PRINT NAME TITLE

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CERTIFICATE OF COMPLIANCE

Return Certification within 30 Days of Reciept to Inspector ADRIAN SAGUAN

RESPONDENT: Tad Barnett

VIOLATION(S) CITED ON: 12/26/2012 CERTIFICATE OF COMPLIANCE DATE: 12/26/2012

NAME: **VULCAN MATERIALS WEST DIVISION #2** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407**

Attach the following documentation when returning the Certificate of Compliance:

0312	Submit a current, signed Designated UST Operator Statement.Signed UST Designated Operator Statement not available on site for review at the time of inspection.
0307	Submit a completed Certificate of Financial Responsibility and/or the applicable evidence detailing mechanism of financial responsibility.Evidence of financial responsibility for UST system not available for review at the time of inspection.
0303	Complete and submit a UST permit application for the facility and each UST system .UST Permit Application on site is not on current forms. Update UST Permit Application on current forms and submit a copy to this Department within 30 days.

I certify under penalty of law that:

- Respondent has corrected violations specified in the above-entitled action.
- I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- I am authorized to file this certification on behalf of the Respondent.
- I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Floyd Sibole — SIGNATURE

1/3/12 — DATE

FLOYD SIBOLE — PRINT NAME

PLANT MANAGER — TITLE

Recd 1-3-13

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION – FACILITY INFORMATION

(One form per facility)

TYPE OF ACTION (Check one item only) 400
☐ 1. NEW PERMIT ☒ 5. CHANGE OF INFORMATION ☐ 7. PERMANENT FACILITY CLOSURE
☐ 3. RENEWAL PERMIT ☐ 6. TEMPORARY FACILITY CLOSURE ☐ 9. TRANSFER PERMIT

I. FACILITY INFORMATION

TOTAL NUMBER OF USTs AT FACILITY 404: 4

FACILITY ID # (Agency Use Only): 36 – 001 – 1679

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As): Vulcan Materials Co

BUSINESS SITE ADDRESS 102: 2400 W Highland Ave

CITY 104: San Bernardino

FACILITY TYPE 403: ☐ 1. MOTOR VEHICLE FUELING ☐ 2. FUEL DISTRIBUTION ☐ 3. FARM ☐ 4. PROCESSOR ☒ 6. OTHER

Is the facility located on Indian Reservation or Trust lands? 405: ☐ Yes ☒ No

II. PROPERTY OWNER INFORMATION

PROPERTY OWNER NAME 407: BBC Properties

PHONE 408: (310) 497-1655

MAILING ADDRESS 409: 300 N Lake Ave, Suite 930

CITY 410: Pasadena

STATE 411: CA

ZIP CODE 412: 91101

III. TANK OPERATOR INFORMATION

TANK OPERATOR NAME 428-1: Vulcan Materials Co

PHONE 428-2: (909) 772-7061

MAILING ADDRESS 428-3: 2400 W Highland Ave

CITY 428-4: San Bernardino

STATE 428-5: CA

ZIP CODE 428-6: 92407

IV. TANK OWNER INFORMATION

TANK OWNER NAME 414: Vulcan Materials Co

PHONE 415: (818) 553-8938

MAILING ADDRESS 416: 500 N Brand Blvd, Suite 500

CITY 417: Glendale

STATE 418: CA

ZIP CODE 419: 91203

OWNER TYPE: 420
☐ 4. LOCAL AGENCY/DISTRICT ☐ 5. COUNTY AGENCY ☐ 6. STATE AGENCY
☐ 7. FEDERAL AGENCY ☒ 8. NON-GOVERNMENT

V. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44- 01 1 1 53

Call the State Board of Equalization, Fuel Tax Division, if there are questions. 421

VI. PERMIT HOLDER INFORMATION

Issue permit and send legal notifications and mailings to: 423
☐ 1. FACILITY OWNER ☐ 4. TANK OPERATOR
☒ 3. TANK OWNER ☐ 5. FACILITY OPERATOR

SUPERVISOR OF DIVISION, SECTION, OR OFFICE (Required For Public Agencies Only) 406:

VII. APPLICANT SIGNATURE

CERTIFICATION: I certify that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE: Charles St. John

DATE 424: 1/3/13

PHONE 425: (818) 553-8938

APPLICANT NAME (print) 426: Charles St. John

APPLICANT TITLE 427: LA Regional Env Mgr

Recd 1-3-13

Designation of Underground Storage Tank (UST) Operator

UST Owner Statement of Understanding and Compliance with UST Requirements

Facility Name: Vulcan Materials Company	Facility Permit #:
Facility Address: 2400 West Highland Ave.	Phone: (909) 875-1150
City: San Bernardino	Zip Code: 92407

Reason for Submitting this Form *(Check One)* Initial Certification __ Change of Designated Operator __ Certificate Renewal X

Designated Operator(s) for this Facility

PRIMARY DESIGNATED UST OPERATOR	
Designated Operator's Name: Dennis Minnock	Relation to UST Facility (Check One)
Business Name *(If different than above)*: Pacific Systems Electric	[ ] Owner [ ] Operator [ ] Employee
Designated Operator's Phone#: (714) 713-9529	[ ] Service Technician [X] Third Party
International Code Council Certificate #: **5248279-UC**	Expiration Date: 12/12/2014
Alternate 1 (Optional)	
Designated Operator's Name: John Minnock	Relation to UST Facility (Check One)
Business Name *(If different than above)*: Pacific Systems Electric	[ ] Owner [ ] Operator [ ] Employee
Designated Operator's Phone#: (714) 240-3674	[ ] Service Technician [X] Third Party
International Code Council Certificate #: **8021978-UC**	Expiration Date: 12/12/2014
Alternate 2 (Optional)	
Designated Operator's Name:	Relation to UST Facility (Check One)
Business Name *(If different than above)*:	[ ] Owner [ ] Operator [ ] Employee
Designated Operator's Phone#:	[ ] Service Technician [ ] Third Party
International Code Council Certificate #:	Expiration Date:

NOTIFY THE LOCAL REGULATORY AGENCY WITHIN 30 DAYS OF ANY CHANGES TO THIS INFORMATION

I certify that for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training in accorandace with California Code of Regulations, Title 23, Sections 27815(c) - (f). **Futhermore, I understand and am in compliance with the requirements (statues, regulations, and local ordinances) applicable to underground storage tanks.**

Charles St. John — DATE: 12/27/12

NAME OF TANK OWNER OR OWNER'S AGENT (Please Print)

[signature] — OWNER'S PHONE #: 818-553-8238

SIGNATURE OF TANK OWNER OR OWNER'S AGENT

Recd 1.3.13

CERTIFICATE OF INSURANCE (FEDERAL)

Name: See attached Exhibit A
[name of each covered location]

Address: See attached Exhibit A
[address of each covered location]

Policy Number: MWZZ 50594

Endorsement (if applicable):

Period of Coverage: [current policy period] 1-1-13 to 1-1-14

Name of Insurer: Old Republic Insurance Company

Address of Insurer: 445 South Moorland Road
Brookfield, WI 53005

Name of Insured: Vulcan Materials Company

Address of Insured: 1200 Urban Center Drive
Birmingham, AL 35242

Certification:

1. Old Republic Insurance Company, the Insurer, as identified above, hereby certifies that it has issued liability insurance covering the following underground storage tank(s):

See attached Exhibit A

[List the number of tanks at each facility and the name(s) and address (es) of the facility (ies) where the tanks are located. If more than one instrument is used to assure different tanks at any one facility, for each tank covered by this instrument, list the tank identification number provided in the notification submitted pursuant to 40 CFR 280.22, or the corresponding state requirement, and the name and address of the facility.]

for taking corrective action and compensating third parties for bodily injury and property damage caused by accidental releases; in accordance with and subject to the limits of liability, exclusions, conditions and other terms of the policy; arising from operating the underground storage tank(s) identified above.

The limits of liability are $ 2,000,000 each occurrence
$ 2,000,000 annual aggregate,

[if the amount of coverage is different for different types of coverage or for different underground storage tanks or locations, indicate the amount of coverage for each type of coverage and/or for each underground storage tank or location]

Rec'd 1-3-13

exclusive of legal defense costs, which are subject to a separate limit under the policy.

This coverage is provided under [policy number] MWZZ 50594 .

The effective date of said policy is [date] 1-1-13 to 1-1-14 .

2. The Insurer further certifies the following with respect to the insurance described in Paragraph 1:

   a. Bankruptcy or insolvency of the insured shall not relieve the Insurer of its obligations under the policy to which this certificate applies.

   b. The Insurer is liable for the payment of amounts within any deductible applicable to the policy to the provider of corrective action or a damaged thirdparty, with a right of reimbursement by the insured for any such payment made by the Insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated under another mechanism or combination of mechanisms as specified in 40 CFR 280.95-280.102.

   c. Whenever requested by a Director of an implementing agency, the Insurer agrees to furnish to the Director a signed duplicate original of the policy and all endorsements.

   d. Cancellation or any other termination of the Insurance by the Insurer, except for nonpayment of premium or misrepresentation by the insured, will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by the insured. Cancellation for nonpayment of premium or misrepresentation by the insured will be effective only upon written notice and only after expiration of a minimum of 10 days after a copy of such written notice is received by the insured.

   e. The insurance covers claims otherwise covered by the policy that are reported to the Insurer within six months of the effective date of cancellation or nonrenewal of the policy except where the new or renewed policy has the same retroactive date or a retroactive date earlier than that of the prior policy, and which arise out of any covered occurrence that commenced after the policy retroactive date, if applicable, and prior to such policy renewal or termination date. Claims reported during such extended reporting period are subject to the terms, conditions, limits, including limits of liability, and exclusions of the policy.

I hereby certify that the wording of this instrument is identical to the wording in 40 CFR 280.97(b)(2) and that the Insurer is licensed to transact the business of insurance in one or more states.

Sharon W. Abel

[Signature of authorized representative of Insurer]

Sharon Abel

[Type name]

Account Management Director

[Title] , Authorized Representative of Old Republic Insurance Company

445 S. Moorland Road, Suite 300, Brookfield, WI 53005

[Address of Representative]

Recd 1.3.13

#3

CERTIFICATION OF FINANCIAL RESPONSIBILITY
§ 280.111(b)(11)(i)

Certification of Financial Responsibility

Vulcan Materials Company hereby certifies that it is in compliance with the requirements of Subpart H
[Owner or operator]

of 40 CFR Part 280. The financial assurance mechanism(s) used to demonstrate financial responsibility under Subpart H of 40 CFR Part 280 is (are) as follows:

[For each mechanism, list the type of mechanism, name of issuer, mechanism number (if applicable), amount of coverage, effective period of coverage and whether the mechanism covers "taking corrective action" and/or "compensating third parties for bodily injury and property damage caused by either "sudden accidental releases" or "nonsudden accidental releases" or "nonsudden accidental releases" or "accidental releases."]

Type of Mechanism	Name of Issuer	Mechanism Number	Amount of Coverage	Effective Period of Coverage	Coverage
Certificate of Insurance	Old Republic Insurance	MWZZ 50594	$2,000,000	1/1/13-1/1/14	Corrective Action, Comp. third parties

Randal C. Hall
[Signature of owner or operator]
Randal C. Hall
[Name of owner or operator]
VP-SHE, and Engineering Services, Vulcan Materials Company
[Title]
December 17, 2012
[Date]

Trudy C. Woods
[Signature of witness or notary]
Trudy C. Woods
[Name of witness or notary]
December 17, 2012
[Date]

Rec'd 1-3-13

Exhibit A - Vulcan Materials Company

Facilities with Underground Petroleum Tanks
In accordance with 40CFR Part 280.95

Location Number	Region	Facility Name	Street Address	City	State	Zip Code	Number of Tanks
026	West	Carroll Canyon	10050 Black Mountain Road	San Diego	CA	92126	1
110	West	San Bernardino HMA	2340 W. Highland	San Bernardino	CA	92405	1
010	West	San Bernardino Aggregate	2400 W. Highland	San Bernardino	CA	92405	2
221	West	Palomar Transit Mix - Escondido	849 W. Washington Ave	Escondido	CA	92025	1
148	West	Los Angeles HMA	2715 E. Washington Street	Los Angeles	CA	90023	1
002	West	Sun Valley	11401 W. Tuxford Street	Sun Valley	CA	91352	5
004	West	Little Rock - Palmdale	6851 East Ave.	Little Rock	CA	93543	4

Roll 1-3-13

MONITORING SYSTEM CERTIFICATION

For Use by All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

RECEIVED
JUL 11 2013
S.B. CO. FIRE DEPT.

A. General Information

Facility Name:	Vulcan Materials Company			Bldg. No:	
Site Address:	2400 West Highland Ave.	City:	San Bernardino	Zip:	92407
Facility Contact Person:	Jeff Ludy	Contact Phone No.:	909.875.1150		
Make/Model of Monitoring System:	Veeder Root TLS 350	Date of Testing/Servicing:	7/5/2013		

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced

Tank ID: 20,000 gallon - DSL			**Tank ID:** 12,000 gallon DSL		
☑ In-Tank Gauging Probe.	Model:	847390-109	☑ In-Tank Gauging Probe	Model:	847390-109
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☑ Piping Sump / Trench Sensor(s).	Model:	794380-208	☑ Piping Sump / Trench Sensor(s)	Model:	794380-208
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000	☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP	☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Tank ID: Waste Oil			**Tank ID:** Bulk Oil		
☐ In-Tank Gauging Probe.	Model:		☐ In-Tank Gauging Probe	Model:	
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☐ Piping Sump / Trench Sensor(s).	Model:		☐ Piping Sump / Trench Sensor(s)	Model:	
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☐ Mechanical Line Leak Detector	Model:		☐ Mechanical Line Leak Detector	Model:	
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	794390-208	☑ Tank Overfill / High-Level Sensor	Model:	794380-208
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Dispenser ID: 1			**Dispenser ID:** 2		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☑ Dispenser Containment Sensor(s).	Model:	794380-208
☑ Shear Valve(s).			☑ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID: 3			**Dispenser ID:**		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☐ Dispenser Containment Sensor(s).	Model:	
☑ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID:			**Dispenser ID:**		
☐ Dispenser Containment Sensor(s).	Model:		☐ Dispenser Containment Sensor(s).	Model:	
☐ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		

ENTERED
JUL 11 2013

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply):* ☑ **System Setup** ☑ **Alarm History Report**

Technician Name(print):	Phillip Smith	Signature:	Phillip Smith
Certification No:	8032729-UT / A30819	License. No:	CSL# 561275
Testing Company Name:	Pacific Systems Electric, Inc.	Phone No:	951-926-3200
Site Address:	32670 Dowling Ct, Winchester, CA 92596		

Monitoring System Certification

D. Results of Testing/Servicing

Software Version Installed: 17.02

Complete the following checklist:

☑ Yes	☐ No*	Is the audible alarm operational?
☑ Yes	☐ No*	Is the visual alarm operational?
☑ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No*	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
	☑ N/A	
☑ Yes	☐ No*	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate positive shut-down? *(Check all that apply)* ☑ Sump/Trench Sensors; ☑ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☑ Yes ☐ No
	☐ N/A	
☑ Yes	☐ No*	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger? 90%
	☐ N/A	
☐ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product ☐ Water If yes, describe causes in Section E, below.
☑ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: The 12,000 gallon diesel, bulk oil and waste oil tank is a three compartment split tank sharing a common annular sensor.

F. In-Tank Gauging / SIR Equipment:

☑ Check this box if tank gauging is used only for inventory control
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?

☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system uct level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed

Complete the following checklist:

☑ Yes	☐ No*	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance?
	☐ N/A	*(Check all that apply)* Simulated leak rate: ☑ 3 g.p.h.; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☑ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☑ Yes	☐ No*	Was the testing apparatus properly calibrated?
☑ Yes	☐ No*	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
	☐ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
	☑ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled
	☑ N/A	or disconnected?
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system
	☑ N/A	malfunctions or fails a test?
☐ Yes	☐ No*	For electronic LLDs, have all accessible wiring connections been visually inspected?
	☑ N/A	
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

SWRCB, January 2006

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials Co.- San Bernardino	Date of Testing:	7-5-13
Facility Address:	2400 Highland San Bernardino, CA		
Facility Contact:	Jeff Ludy	Phone: 909.875-1150	
Date Local Agency Was Notified of Testing : May 16, 2013			
Name of Local Agency Inspector *(if present during testing)*:			

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2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric Inc.
Technician Conducting Test:	Phillip Smith
Credentials[1]:	☐ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s):	561275, 8032927-UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	☑ Hydrostatic	☐ Vacuum	☐ Other	
Test Equipment Used: Visual			Equipment Resolution: +/- 0"	

Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**1 Red Dye**	**2 Clear Diesel**	**3Waste oil**	**4**
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑Contained in Sump	☐ Direct Bury ☑Contained in Sump	☐ Direct Bury ☐Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	12"	12"	16.5"	
Wait time between applying vacuum/water and start of test:	15min.	15min.	15min.	
Test Start Time (T_I):	8:45am	8:45am	8:45am	
Initial Reading (R_I):	11"	11"	15.50"	
Test End Time (T_F):	9:45am	9:45am	9:45am	
Final Reading (R_F):	11"	11"	15.50"	
Test Duration ($T_F - T_I$):	1hr	1hr	1hr	
Change in Reading ($R_F - R_I$):	0"	0"	0"	
Pass/Fail Threshold or Criteria:	0"	0"	0"	
Test Result:	☑**Pass** ☐ **Fail**	☑**Pass** ☐ **Fail**	☑**Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: Phillip Smith Date: 7-5-13

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

SYSTEM SETUP

JUL 5, 2013 9:35 AM

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH
SYSTEM DATE/TIME FORMAT
MON DD YYYY HH:MM:SS xM

VULCAN
2400 W. HIGHLAND
SAN BERNARDINO,CA

SHIFT TIME 1 : DISABLED
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

TANK PERIODIC WARNINGS
DISABLED
TANK ANNUAL WARNINGS
DISABLED
LINE PERIODIC WARNINGS
DISABLED
LINE ANNUAL WARNINGS
DISABLED

PRINT TC VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F): 60.0
STICK HEIGHT OFFSET
DISABLED
DAYLIGHT SAVING TIME
ENABLED
START DATE
MAR WEEK 2 SUN
START TIME
2:00 AM
END DATE
NOV WEEK 1 SUN
END TIME
2:00 AM

SYSTEM SECURITY
CODE : 000000

IN-TANK SETUP

T 1:CLEAR DIESEL
PRODUCT CODE : 1
THERMAL COEFF :.000450
TANK DIAMETER : 111.50
TANK PROFILE : 1 PT
FULL VOL : 12062

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING : 2.0
HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 11900
OVERFILL LIMIT : 90%
: 10710
HIGH PRODUCT : 95%
: 11305
DELIVERY LIMIT : 15%
: 1809

LOW PRODUCT : 1500
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 99
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 0%
: 0

LEAK MIN ANNUAL : 0%
: 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

T 2:RED DIESEL
PRODUCT CODE : 2
THERMAL COEFF :.000450
TANK DIAMETER : 112.00
TANK PROFILE : 1 PT
FULL VOL : 20002

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING : 2.0
HIGH WATER LIMIT: 3.0

MAX OR LABEL VOL: 19800
OVERFILL LIMIT : 90%
: 17820
HIGH PRODUCT : 95%
: 18810
DELIVERY LIMIT : 5%
: 1000

LOW PRODUCT : 500
LEAK ALARM LIMIT: 99
SUDDEN LOSS LIMIT: 99
TANK TILT : 0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC: 0%
: 0

LEAK MIN ANNUAL : 0%
: 0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

5 of 7

LIQUID SENSOR SETUP

L 1:RED TURBINE SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : STP SUMP

L 2:RED FILK SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 3:DISP 3 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 4:DISP 2 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 5:DISP 1 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 6:BULK OIL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 7:CLEAR FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 8:CLEAR TURBINE SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : STP SUMP

L 9:WASTE OIL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L10:SPILT ANNULAR
TRI-STATE (SINGLE FLOAT)
CATEGORY : ANNULAR SPACE

L11:RED ANNULAR
TRI-STATE (SINGLE FLOAT)
CATEGORY : ANNULAR SPACE

L12:WASTE HI LEVEL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L13:BULK HI LEVEL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

OUTPUT RELAY SETUP

R 1:RED SHUTDOWN
TYPE:
STANDARD
NORMALLY CLOSED

IN-TANK ALARMS
T 2:LOW PRODUCT ALARM

LIQUID SENSOR ALMS
L 1:FUEL ALARM
L 2:FUEL ALARM
L 4:FUEL ALARM
L 5:FUEL ALARM
L11:FUEL ALARM
L 1:SENSOR OUT ALARM
L 2:SENSOR OUT ALARM
L 4:SENSOR OUT ALARM
L 5:SENSOR OUT ALARM
L11:SENSOR OUT ALARM
ALL:SHORT ALARM

R 3:OVERFILL ALARM
TYPE:
STANDARD
NORMALLY OPEN

IN-TANK ALARMS
ALL:OVERFILL ALARM

R 4:CLEAR SHUTDOWN
TYPE:
STANDARD
NORMALLY CLOSED

LIQUID SENSOR ALMS
~~L 1:FUEL ALARM~~
~~L 2:FUEL ALARM~~
L 3:FUEL ALARM
L 7:FUEL ALARM
L 8:FUEL ALARM
L10:FUEL ALARM
L 3:SENSOR OUT ALARM
L 7:SENSOR OUT ALARM
L 8:SENSOR OUT ALARM
L10:SENSOR OUT ALARM
ALL SHORT

SOFTWARE REVISION LEVEL
VERSION 17.02
SOFTWARE# 346017-100-C
CREATED - 99.01.12.18.20

NO SOFTWARE MODULE
SYSTEM FEATURES:
PERIODIC IN-TANK TESTS
ANNUAL IN-TANK TESTS

6 of 7

ALARM HISTORY REPORT

----- SYSTEM ALARM -----
PAPER OUT
MAY 1, 2013 5:47 AM
PRINTER ERROR
MAY 1, 2013 5:47 AM
BATTERY IS OFF
JAN 1, 1996 8:00 AM

---- IN-TANK ALARM -----

T 1:CLEAR DIESEL

OVERFILL ALARM
MAY 18, 2011 1:23 AM
MAY 16, 2011 1:31 AM

LOW PRODUCT ALARM
NOV 24, 2010 3:44 PM

PROBE OUT
MAY 18, 2011 9:59 AM
MAY 18, 2011 9:46 AM
MAY 18, 2011 9:19 AM

DELIVERY NEEDED
APR 5, 2013 2:08 PM
JUL 17, 2012 3:14 AM
DEC 28, 2011 3:08 PM

LOW TEMP WARNING
MAY 19, 2011 10:00 AM

---- IN-TANK ALARM -----

T 2:RED DIESEL

PROBE OUT
MAY 18, 2011 9:48 AM

DELIVERY NEEDED
SEP 17, 2012 2:52 PM
DEC 16, 2011 5:57 PM
SEP 13, 2011 3:03 PM

----- SENSOR ALARM -----
L 1:RED TURBINE SUMP
STP SUMP
FUEL ALARM
JUL 5, 2012 11:26 AM

FUEL ALARM
JUL 8, 2011 2:49 PM

FUEL ALARM
MAR 17, 2012 11:58 AM

----- SENSOR ALARM -----
L 2:RED FILK SUMP
OTHER SENSORS
FUEL ALARM
JUL 5, 2012 11:27 AM

FUEL ALARM
MAR 25, 2012 5:20 PM

FUEL ALARM
JAN 23, 2012 8:39 AM

----- SENSOR ALARM -----
L 3:DISP 3 UDC
DISPENSER PAN
FUEL ALARM
JUL 5, 2012 11:30 AM

FUEL ALARM
JAN 24, 2012 10:30 AM

SENSOR OUT ALARM
JAN 24, 2012 10:24 AM

----- SENSOR ALARM -----
L 4:DISP 2 UDC
DISPENSER PAN
FUEL ALARM
JUL 5, 2012 11:29 AM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

FUEL ALARM
JUL 8, 2011 2:50 PM

----- SENSOR ALARM -----
L 5:DISP 1 UDC
DISPENSER PAN
FUEL ALARM
JUL 5, 2012 11:28 AM

FUEL ALARM
JAN 23, 2012 8:23 AM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

----- SENSOR ALARM -----
L 5:DISP 1 UDC
DISPENSER PAN
FUEL ALARM
JUL 5, 2012 11:28 AM

FUEL ALARM
JAN 23, 2012 8:23 AM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

----- SENSOR ALARM -----
L 5:DISP 1 UDC
DISPENSER PAN
FUEL ALARM
JUL 5, 2012 11:28 AM

FUEL ALARM
JAN 23, 2012 8:23 AM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

----- SENSOR ALARM -----
L 6:BULK OIL SUMP
OTHER SENSORS
FUEL ALARM
JUL 5, 2012 11:33 AM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

FUEL ALARM
JUL 8, 2011 2:42 PM

----- SENSOR ALARM -----
L 7:CLEAR FILL SUMP
OTHER SENSORS
FUEL ALARM
JUL 5, 2012 11:55 AM

FUEL ALARM
JUL 5, 2012 11:54 AM

FUEL ALARM
JUL 5, 2012 11:32 AM

----- SENSOR ALARM -----
L 9:WASTE OIL
OTHER SENSORS
FUEL ALARM
JUL 5, 2012 11:33 AM

FUEL ALARM
APR 16, 2012 1:44 PM

FUEL ALARM
APR 16, 2012 1:43 PM

----- SENSOR ALARM -----
L10:SPILT ANNULAR
ANNULAR SPACE
FUEL ALARM
JUL 5, 2012 11:34 AM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

FUEL ALARM
JUL 8, 2011 2:41 PM

----- SENSOR ALARM -----
L11:RED ANNULAR
ANNULAR SPACE
FUEL ALARM
JUL 5, 2012 11:28 AM

FUEL ALARM
OCT 5, 2011 3:17 PM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

----- SENSOR ALARM -----
L12:WASTE HI LEVEL
OTHER SENSORS
FUEL ALARM
JUL 5, 2012 11:37 AM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

SENSOR OUT ALARM
JUL 9, 2010 9:34 AM

----- SENSOR ALARM -----
L 8:CLEAR TURBINE SUMP
STP SUMP
FUEL ALARM
DEC 13, 2012 3:20 AM

FUEL ALARM
AUG 24, 2012 6:04 PM

FUEL ALARM
AUG 24, 2012 3:16 PM

* * * * * END * * * * *

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CUPA
San B...dino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org

CUPA COMPLIANCE INSPECTION REPORT

NAME: **VULCAN MATERIALS WEST DIVISION #2** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** INSPECTION DATE: **7/5/2013**

Inspector was given permission to: ☐ photograph ☒ inspect

Inspection Narrative (v020000)
ANNUAL MONITORING SYSTEM CERTIFICATION

CONTRACTOR: Pacific Systems Electric
TECHNICIAN: Phillip Smith
---CERTS: ICC#: 8032729 (Exp. 9/29/13; Veeder Root#: A30819 (Exp. 2/24/14)

MONITORING SYSTEM:
-Panel: Veeder Root TLS 350 (Version 17.02)
-Sensors: Annular x 2: 420
Sumps x 6: 208
UDC x 3: 208
-Overfill: External Annunciator and Mechanical Flappers (External annunciator is located on the west facing wall of the hazardous materials storage shed).

TANK SYSTEM:
-Tank 1: 12,000-Gallon Clear Diesel
-Tank 2: 20,000-Gallon Red Dyed Diesel
-Tank 3: 4,500-Gallon Waste Oil
-Tank 4: 3,500-Gallon New Oil
Tanks 1, 3 and 4 are part of a three-way split tank
TANKS: Joor
PIPING: Diesel tanks-APT (Double-walled product)
New and Waste Oil Piping-AO Smith (Double-walled Product, Single-walled Vent Piping)

TESTED COMPONENTS:
-All liquid detection sensors were verified to provide individual panel alarms and STP shutdown upon testing. Each sensor verified to contain programming for FUEL, SENSOR OUT and SHORT alarms. Programming was altered at the time of inspection to include SHORT alarms for the Clear Diesel tank.
-High level sensor for the new and waste oil tanks provided panel alarms upon testing.
-ESO/FAILSAFE/SENSOR OUT: Resulted in system shutdown/power loss; Panel alarm for SENSOR OUT.
-OVERSPILLS: Each bucket passed a 60 minute visual liquid hold.
-MLLD: Each resulted in a metered and sustained "slow flow" when tested to detect a simulated 3.0 G.P.H. leak rate at 10 P.S.I. (Tested with VMI).
-ATG x 2: Each provided and external audible/visual alarm when tested at 90%. The new/waste oil tanks utilize a 420 sensor for primary Overfill.

GENERAL REQUIREMENTS:
-Permits are current through 10/31/13
-Last Certification: 7/5/12
-Last SB989: 1/23/12
-Last Business Plan Received: 3/1/12 (2013 Copy reviewed onsite dated 2/18/13)
-Designated Operator: John Minnock (ICC#: 8021978; Exp. 12/12/14)
--Last documented employee training: 4/1/13
---Monitoring Plan Dated: Most recent forms are undated. Update required to be submitted into CERS.
---UST Application Package Dated 1/5/13: Complete as corrected
---BOE#: 44-0011153
---CFR: Current (Exp. 1/1/14)
CERS ID: 10036714
EPA ID#: CAD981568579

For any questions regarding the requirements of this report, please contact me at jkooyman@sbcfire.org.

REMINDER: New Business Plans submittals and any UST Documentation update must be entered via the CERS website (cers.calepa.ca.gov). Contact our helpline at (909)386-8432 for assistance with the process. Facility has yet to uploaded all CERS

required documentation.

The following lines marked in the V column are violations that must be corrected. Marked items in the N column require additional information to determine compliance.

VIOLATION CODE	DESCRIPTION	SECTION	V	N
41	**UNDERGROUND STORAGE TANKS (UST)**			
0301	Failure to obtain an underground storage tank (UST) permit for each UST	S.B. COUNTY CODE 23.0722(a)		
0303	Failure to complete and submit an application for a permit to operate a UST	CAL. HEALTH & SAFETY CODE 25286(a)		
0304	Failure to have UST monitoring and maintenance records available on site	C.C.R. TITLE 23 CH. 16 2712(b)		
0305	Failure to correct past UST violations within 30 days of receiving a UST inspection report	C.C.R. TITLE 23 CH. 16 2712(f)		
0306	Failure to establish a written agreement with the Operator of a UST to monitor the UST system	CAL. HEALTH & SAFETY CODE 25284(a)(3)(A)		
0307	Failure to maintain evidence of financial responsibility for a UST system	CAL. HEALTH & SAFETY CODE 25292.2(a)		
0308	Failure to submit change of ownership within 30 days from the date of the transfer of the UST	CAL. HEALTH & SAFETY CODE 25284(c)		
0309	Failure to properly monitor UST system as specified by the permit	CAL. HEALTH & SAFETY CODE 25293		
0312	Failure to submit a signed Designated UST Operator Statement	C.C.R. TITLE 23 CH. 16 2715(a)		
0313	Failure to have monthly documented Designated UST Operator visual inspection reports	C.C.R. TITLE 23 CH. 16 2715(c)		
0314	Failure to affix a certification tag/sticker to each monitoring equipment component	C.C.R. TITLE 23 CH. 16 2638(f)		
0315	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2641(h)		
0317	Failure to certify the monitoring equipment annually	C.C.R. TITLE 23 CH. 16 2641(j)		
0318	Failure to have monitoring equipment located to properly detect a release	C.C.R. TITLE 23 CH. 16 2630(d)		
0322	Failure to test single-walled suction piping every 3 years	C.C.R. TITLE 23 CH. 16 2643(d)		
0323	Failure of secondary containment to prevent intrusion of liquid into sump/UDC(s)	CAL. HEALTH & SAFETY CODE 25291		
0324	Failure to install/maintain operational automatic line leak detector(s)	C.C.R. TITLE 23 CH. 16 2636(f)(2)		
0327	Failure to install/maintain an overfill prevention system	C.C.R. TITLE 23 CH. 16 2635(b)(2)		
0328	Failure to test the secondary containment systems	C.C.R. TITLE 23 CH. 16 2637(a)		
0329	Failure to meet the design, construction and monitoring requirements for "new" UST systems	C.C.R. TITLE 23 CH. 16 2630		
0330	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2632(d)		
0331	Failure to certify the monitoring system annually	C.C.R. TITLE 23 CH. 16 2638(a)		
0333	Failure to annually test overspill containment structure	CAL. HEALTH & SAFETY CODE 25284.2		
0334	Failure to maintain a functioning audible and visual alarm	C.C.R. TITLE 23 CH. 16 2632(c)(2)(B)		
0335	Failure to install an approved emergency disconnect switch device (ESO)	CAL. FIRE CODE 2203.2		
0336	Failure to properly install, maintain and test approved emergency shutoff/shear valve at dispensers	CAL. FIRE CODE 2206.7.4		
0337	Failure to have approved portable fire extinguishers present and charged	CAL. FIRE CODE 2205.5		
0338	Failure to have approved address/building/identification numbers visible from the street	CAL. FIRE CODE 505.1		
0339	Failure to properly maintain Spill Container Drain Valve	C.C.R. TITLE 23 CH. 16 2635(b)(1)(C)		
0340	Failure to operate a UST system to prevent unauthorized release	CAL. HEALTH & SAFETY CODE 25292.1(a)		
0342	Unlawful abandonment of a UST system	CAL. HEALTH & SAFETY CODE 25298(a)		
0343	Failure to lawfully close a UST system	CAL. HEALTH & SAFETY CODE 25298(c)		
0344	Failure to temporarily close a UST system	CAL. HEALTH & SAFETY CODE 25298(b)		
0345	Failure of secondary containment to prevent intrusion of water into the system	CAL. HEALTH & SAFETY CODE 25290.1(c)(3)		
0346	Failure to meet the upgrade requirements for the UST system (existing)	CAL. HEALTH & SAFETY CODE 25292(d)		
0347	Unlawful deposit of petroleum into a Red-Tagged UST system	CAL. HEALTH & SAFETY CODE 25292.3(c)		
0349	Failure to implement an enhanced leak detection (ELD) program after notification	C.C.R. TITLE 23 CH. 16 2640(e)		
0354	Failure to conduct tank tests monthly using the Automatic Tank Gauging (ATG) (existing)	C.C.R. TITLE 23 CH. 16 2643(b)(1)		
0355	Failure to conduct monthly SIR in conjunction with a biennial UST integrity test	C.C.R. TITLE 23 CH. 16 2643(b)(3)		
0358	Failure to perform weekly manual tank gauging with UST integrity testing (existing)	C.C.R. TITLE 23 CH. 16 2645(b)		
0362	Failure to have a monthly test with an hourly PLLD on pressurized single-walled product pipe	C.C.R. TITLE 23 CH. 16 2643(c)(2)		
0363	Failure to conduct annual testing of the piping leak detection method	C.C.R. TITLE 23 CH. 16 2643(c)(3)		
0367	Failure to install a check valve directly below the suction pump	C.C.R. TITLE 23 CH. 16 2636(a)(3)(C)		
0368	Failure to conduct testing of the piping leak monitoring system on gravity fed piping	C.C.R. TITLE 23 CH. 16 2643(e)		
0369	Failure to have the cathodic protection system tested every three years	C.C.R. TITLE 23 CH. 16 2635(a)(2)(A)		
0370	Failure to inspect the impressed-current cathodic protection system every 60 days	C.C.R. TITLE 23 CH. 16 2635(a)(2)(A)		
0371	Failure to have interior lining inspected w/in 10 years of installation and every 5 years thereafter	C.C.R. TITLE 23 CH. 16 2663(h)		

0373	Failure to submit the monitoring system c ition report within 30 days of test completion	C.C.R. TITLE 2 16 2638(d)		
0374	Failure to report an unauthorized release that has escaped the UST secondary containment	CAL. HEALTH & SAFETY CODE 25295(a)(1)		
0375	Failure to meet design, construction and monitoring requirements for tank(s) installed prior to 1984	C.C.R. TITLE 23 CH. 16 2640		
0377	Failure to comply by UST Owner/Operator	CAL. HEALTH & SAFETY CODE 25280.6		
0378	Failure to install/maintain approved monitoring equipment for existing UST system(s)	C.C.R. TITLE 23 CH. 16 2641(a)		
0399	Failure to obtain a UST construction permit and plan approval	S.B. COUNTY CODE 23.0603(a)		

VIOLATION CODE	DESCRIPTION	SECTION	V	N
42	**HMRRP (HAZARDOUS MATERIALS HANDLER)**			
0201	Failure to obtain a CUPA Hazardous Materials Handler permit.	23.0602(a)		
0202	Failure to establish a Business Plan.	CAL. HEALTH & SAFETY CODE 25503.5		
0203	Failure to submit a Business Plan.	CAL. HEALTH & SAFETY CODE 25505(a)(1)		
0204	Failure to immediately report any release or threatened release of a hazardous material.	CAL. HEALTH & SAFETY CODE 25507		
0205	Failure to allow a hazardous materials handler inspection.	CAL. HEALTH & SAFETY CODE 25508(a)		
0209	Failure to submit an amendment to the inventory form within 30 days of change.	CAL. HEALTH & SAFETY CODE 25510		
1231	Failure to submit a corrected Business Plan within 30 days after notification of deficiencies.	CAL. HEALTH & SAFETY CODE 25505(a)(2)		
1232	Failure to submit a Business Plan revision within 30 days of a substantial change in operation.	CAL. HEALTH & SAFETY CODE 25505(b)		

INSPECTED BY:

JACOB KOOYMAN

NAME **ICC#8121970**

RECEIVED BY:

STEVE YTURRALDE

NAME

Signature Date Time: 7/5/13 12:10:12PM

LTR:7/5/2013 12:02:07PM

MAINTENANCE FOREMAN

TITLE

INSPECTION DATE: 07/05/2013

PRINTED ON: 7/5/13 12:12 pm

NOTICE OF VIOLATION: THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN THE SPECIFIED TIMEFRAME. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION.

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South "E" Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460 • www.sbcfire.org
CUPA COMPLIANCE INSPECTION REPORT

NAME: **VULCAN MATERIALS WEST DIVISION #2** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407** INSPECTION DATE: **12/26/2012**

Inspector was given permission to: [X] photograph [X] inspect

Inspection Narrative (v020000)
An annual UST inspection was conducted. Tad Barnett, Assistant Plant Manager, granted consent for the inspection.

-Permits current: exp. 10/31/13
-Permit information verified during inspection.
-Last UST Monitoring System Certification conducted on 7/5/12
-UST Monitoring/Response Plans and UST Permit Application with Tank Forms on site.
-Employee training conducted/documented.
-D.O. UST Monthly Inspection Reports for the previous 12 months available and reviewed.

Correct all violations immediately within the timeframe specified in this report.

*Note: If you have any questions regarding CERS, please call the CERS Help Line at (909) 386-8432.

The following lines marked in the V column are violations that must be corrected. Marked items in the N column require additional information to determine compliance.

VIOLATION CODE	DESCRIPTION	SECTION	V	N
41	**UNDERGROUND STORAGE TANKS (UST)**			
0301	Failure to obtain an underground storage tank (UST) permit for each UST	S.B. COUNTY CODE 23.0722(a)		
0303	Failure to complete and submit an application for a permit to operate a UST	CAL. HEALTH & SAFETY CODE 25286(a)	X	
	Violation: Owner/Operator shall complete and submit the required UST permit application. Correction: Complete and submit a UST permit application for the facility and each UST system. Observation: UST Permit Application on site is not on current forms. Update UST Permit Application on current forms and submit a copy to this Department within 30 days. Comply by date: **1/25/2013**			
0304	Failure to have UST monitoring and maintenance records available on site	C.C.R. TITLE 23 CH. 16 2712(b)		
0305	Failure to correct past UST violations within 30 days of receiving a UST inspection report	C.C.R. TITLE 23 CH. 16 2712(f)		
0306	Failure to establish a written agreement with the Operator of a UST to monitor the UST system	CAL. HEALTH & SAFETY CODE 25284(a)(3)(A)		
0307	Failure to maintain evidence of financial responsibility for a UST system	CAL. HEALTH & SAFETY CODE 25292.2(a)	X	
	Violation: Owner/Operator of a UST system shall maintain evidence of financial responsibility for releases from the UST system. Correction: Submit a completed Certificate of Financial Responsibility and/or the applicable evidence detailing mechanism of financial responsibility. Observation: Evidence of financial responsibility for UST system not available for review at the time of inspection. Comply by date: **1/25/2013**			
0308	Failure to submit change of ownership within 30 days from the date of the transfer of the UST	CAL. HEALTH & SAFETY CODE 25284(c)		
0309	Failure to properly monitor UST system as specified by the permit	CAL. HEALTH & SAFETY CODE 25293		
0312	Failure to submit a signed Designated UST Operator Statement	C.C.R. TITLE 23 CH. 16 2715(a)	X	
	Violation: Owner/Operator shall submit a signed Designated UST Operator Statement that is current within 30 days of any change in the Designated UST Operator. Correction: Submit a current, signed Designated UST Operator Statement. Observation: Signed UST Designated Operator Statement not available on site for review at the time of inspection. Comply by date: **1/25/2013**			
0313	Failure to have monthly documented Designated UST Operator visual inspection reports	C.C.R. TITLE 23 CH. 16 2715(c)		
0314	Failure to affix a certification tag/sticker to each monitoring equipment component	C.C.R. TITLE 23 CH. 16 2638(f)		
0315	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2641(h)		
0317	Failure to certify the monitoring equipment annually	C.C.R. TITLE 23 CH. 16 2641(j)		
0318	Failure to have monitoring equipment located to properly detect a release	C.C.R. TITLE 23 CH. 16 2630(d)		
0322	Failure to test single-walled suction piping every 3 years	C.C.R. TITLE 23 CH. 16 2643(d)		
0323	Failure of secondary containment to prevent intrusion of liquid into sump/UDC(s)	CAL. HEALTH & SAFETY CODE 25291		
0324	Failure to install/maintain operational automatic line leak detector(s)	C.C.R. TITLE 23 CH. 16 2636(f)(2)		
0327	Failure to install/maintain an overfill prevention system	C.C.R. TITLE 23 CH. 16 2635(b)(2)		
0328	Failure to test the secondary containment systems	C.C.R. TITLE 23 CH. 16 2637(a)		

0329	Failure to meet the design, construction and monitoring requirements for "new" UST systems	C.C.R. TITLE 23 CH. 16 2630		
0330	Failure to have a written monitoring program with monitoring procedures and response plan	C.C.R. TITLE 23 CH. 16 2632(d)		
0331	Failure to certify the monitoring system annually	C.C.R. TITLE 23 CH. 16 2638(a)		
0333	Failure to annually test overspill containment structure	CAL. HEALTH & SAFETY CODE 25284.2		
0334	Failure to maintain a functioning audible and visual alarm	C.C.R. TITLE 23 CH. 16 2632(c)(2)(B)		
0335	Failure to install an approved emergency disconnect switch device (ESO)	CAL. FIRE CODE 2203.2		
0336	Failure to properly install, maintain and test approved emergency shutoff/shear valve at dispensers	CAL. FIRE CODE 2206.7.4		
0337	Failure to have approved portable fire extinguishers present and charged	CAL. FIRE CODE 2205.5		
0338	Failure to have approved address/building/identification numbers visible from the street	CAL. FIRE CODE 505.1		
0339	Failure to properly maintain Spill Container Drain Valve	C.C.R. TITLE 23 CH. 16 2635(b)(1)(C)		
0340	Failure to operate a UST system to prevent unauthorized release	CAL. HEALTH & SAFETY CODE 25292.1(a)		
0342	Unlawful abandonment of a UST system	CAL. HEALTH & SAFETY CODE 25298(a)		
0343	Failure to lawfully close a UST system	CAL. HEALTH & SAFETY CODE 25298(c)		
0344	Failure to temporarily close a UST system	CAL. HEALTH & SAFETY CODE 25298(b)		
0345	Failure of secondary containment to prevent intrusion of water into the system	CAL. HEALTH & SAFETY CODE 25290.1(c)(3)		
0346	Failure to meet the upgrade requirements for the UST system (existing)	CAL. HEALTH & SAFETY CODE 25292(d)		
0347	Unlawful deposit of petroleum into a Red-Tagged UST system	CAL. HEALTH & SAFETY CODE 25292.3(c)		
0349	Failure to implement an enhanced leak detection (ELD) program after notification	C.C.R. TITLE 23 CH. 16 2640(e)		
0354	Failure to conduct tank tests monthly using the Automatic Tank Gauging (ATG) (existing)	C.C.R. TITLE 23 CH. 16 2643(b)(1)		
0355	Failure to conduct monthly SIR in conjunction with a biennial UST integrity test	C.C.R. TITLE 23 CH. 16 2643(b)(3)		
0358	Failure to perform weekly manual tank gauging with UST integrity testing (existing)	C.C.R. TITLE 23 CH. 16 2645(b)		
0362	Failure to have a monthly test with an hourly PLLD on pressurized single-walled product pipe	C.C.R. TITLE 23 CH. 16 2643(c)(2)		
0363	Failure to conduct annual testing of the piping leak detection method	C.C.R. TITLE 23 CH. 16 2643(c)(3)		
0367	Failure to install a check valve directly below the suction pump	C.C.R. TITLE 23 CH. 16 2636(a)(3)(C)		
0368	Failure to conduct testing of the piping leak monitoring system on gravity fed piping	C.C.R. TITLE 23 CH. 16 2643(e)		
0369	Failure to have the cathodic protection system tested every three years	C.C.R. TITLE 23 CH. 16 2635(a)(2)(A)		
0370	Failure to inspect the impressed-current cathodic protection system every 60 days	C.C.R. TITLE 23 CH. 16 2635(a)(2)(A)		
0371	Failure to have interior lining inspected w/in 10 years of installation and every 5 years thereafter	C.C.R. TITLE 23 CH. 16 2663(h)		
0373	Failure to submit the monitoring system certification report within 30 days of test completion	C.C.R. TITLE 23 CH. 16 2638(d)		
0374	Failure to report an unauthorized release that has escaped the UST secondary containment	CAL. HEALTH & SAFETY CODE 25295(a)(1)		
0375	Failure to meet design, construction and monitoring requirements for tank(s) installed prior to 1984	C.C.R. TITLE 23 CH. 16 2640		
0377	Failure to comply by UST Owner/Operator	CAL. HEALTH & SAFETY CODE 25280.6		
0378	Failure to install/maintain approved monitoring equipment for existing UST system(s)	C.C.R. TITLE 23 CH. 16 2641(a)		
0399	Failure to obtain a UST construction permit and plan approval	S.B. COUNTY CODE 23.0603(a)		

INSPECTED BY: Adrian Saguan

ADRIAN SAGUAN

NAME ICC#8019654

RECEIVED BY: Tad Barnett

Signature Date Time: 12/26/12 4:26:19PM

LTR:12/26/2012 4:20:52PM

Tad Barnett — NAME — Assistant Plant Manager — TITLE

INSPECTION DATE: 12/26/2012 PRINTED ON: 12/26/12 4:29 pm

[X] **NOTICE OF VIOLATION: THE VIOLATIONS NOTED IN THIS REPORT MUST BE CORRECTED WITHIN THE SPECIFIED TIMEFRAME. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION.**

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CERTIFICATE OF COMPLIANCE

Return Certification within 30 Days of Reciept to Inspector ADRIAN SAGUAN

RESPONDENT: Tad Barnett

VIOLATION(S) CITED ON: 12/26/2012 CERTIFICATE OF COMPLIANCE DATE: 12/26/2012

NAME: **VULCAN MATERIALS WEST DIVISION #2** FACILITY ID: **FA0001676**

ADDRESS: **2400 W HIGHLAND AVE** CERS ID:**10036714**

CITY: **SAN BERNARDINO** STATE: **CA** ZIP CODE: **92407**

Attach the following documentation when returning the Certificate of Compliance:

0312	Submit a current, signed Designated UST Operator Statement.Signed UST Designated Operator Statement not available on site for review at the time of inspection.
0307	Submit a completed Certificate of Financial Responsibility and/or the applicable evidence detailing mechanism of financial responsibility.Evidence of financial responsibility for UST system not available for review at the time of inspection.
0303	Complete and submit a UST permit application for the facility and each UST system.UST Permit Application on site is not on current forms. Update UST Permit Application on current forms and submit a copy to this Department within 30 days.

I certify under penalty of law that:

- Respondent has corrected violations specified in the above-entitled action.
- I have personally examined any documentation attached to this certification to establish that the violations have been corrected.
- Based on my examination of the attached documentation and inquiry of the individuals, who prepared or obtained them, I believe the information to be true, accurate and complete.
- I am authorized to file this certification on behalf of the Respondent.
- I am aware there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

SIGNATURE DATE

PRINT NAME TITLE

Blake, Ortancis

From: May, Jose
Sent: Thursday, December 20, 2012 6:17 PM
To: Blake, Ortancis
Cc: Samayoa, Angie; Lara, Linda
Subject: FW: CO1 UST INSPECTIONS

Follow Up Flag: Follow up
Flag Status: Flagged

Happy Holidays and a Wonderful New Year Ortancis!

FYI

Jose

From: May, Jose
Sent: Thursday, December 20, 2012 6:16 PM
To: Saguan, Adrian
Cc: Samayoa, Angie; Lara, Linda
Subject: CO1 UST INSPECTIONS

Hi Adrian,

Thank you for taking these inspections. We need you to conduct C01 inspections. The facility notified us that Monitoring Certification testing would be conducted on the dates indicated. The files are on your desk. I signed them out in your name. Please return them to the file room when you complete the inspections.

Also....Please send Linda an email so she can adjust the calendar to reflect these inspections on the day you conduct them.

Circle K Chino Hills – FA0007505
Last Monitoring Certification – 11/06/12

Circle K #5239, 2734 N Del Rosa, San Bernardino - FA0002162
Last Monitoring Certification – 8/15/12

Vulcan Materials West Division, 2400 W. Highland Ave., San Bernardino –FA0001676
Last Monitoring Certification - 7/5/12

Have a very wonderful Holiday Season!

See you next year!

Jose

1-8-13

MONI RING SYSTEM CERTIFICA ON

1676

For Use By All Jurisdictions Within the State of California

Authority Cited: - Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name:	Vulcan Materials Company		Bldg. No:		
Site Address:	2400 West Highland Ave.	City:	San Bernardino	Zip:	92407
Facility Contact Person:	Jeff Ludy	Contact Phone No.:	909.875.1150		
Make/Model of Monitoring System:	Veeder Root TLS 350	Date of Testing/Servicing:	7/5/2012		

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced

Tank ID: 20,000 gallon - DSL			**Tank ID:** 12,000 gallon DSL		
☑ In-Tank Gauging Probe.	Model:	847390-109	☑ In-Tank Gauging Probe	Model:	847390-109
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☑ Piping Sump / Trench Sensor(s).	Model:	794380-208	☑ Piping Sump / Trench Sensor(s)	Model:	794380-208
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000	☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP	☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Tank ID: Waste Oil			**Tank ID:** Bulk Oil		
☐ In-Tank Gauging Probe.	Model:		☐ In-Tank Gauging Probe	Model:	
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☐ Piping Sump / Trench Sensor(s).	Model:		☑ Piping Sump / Trench Sensor(s)	Model:	794380-208
☑ Fill Sump Sensor(s).	Model:	794380-208	☐ Fill Sump Sensor(s).	Model:	
☐ Mechanical Line Leak Detector	Model:		☐ Mechanical Line Leak Detector	Model:	
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	794390-420	☑ Tank Overfill / High-Level Sensor	Model:	794380-420
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Dispenser ID: 1 Clear Diesel			**Dispenser ID:** 2 Middle Red		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☑ Dispenser Containment Sensor(s).	Model:	794380-208
☑ Shear Valve(s).			☑ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID: 3 South Red			**Dispenser ID:**		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☐ Dispenser Containment Sensor(s).	Model:	
☑ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID:			**Dispenser ID:**		
☐ Dispenser Containment Sensor(s).	Model:		☐ Dispenser Containment Sensor(s).	Model:	
☐ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		

ENTERED USED

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply):* ☑ **System Setup** ☑ **Alarm History Report**

Technician Name(print):	Philip Smith	Signature:	Philip Smith
Certification No:	A30819, 8032729-UT	License. No:	561275
Testing Company Name:	Pacific Systems Electric, Inc.	Phone No:	951-926-3200
Site Address:	32670 Dowling Ct, Winchester, CA 92596		

Monitoring System Certification

RECEIVED
AUG 10 2012
S.B. CO. FIRE DEPT.

AUG 02 2012
ENVIRONMENTAL HEALTH

D. Results of Testing/Servicing

Software Version Installed: 17.02

Complete the following checklist:

☑ Yes	☐ No*	Is the audible alarm operational?
☑ Yes	☐ No*	Is the visual alarm operational?
☑ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No*	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem)
	☑ N/A	operational?
☑ Yes	☐ No*	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment
	☐ N/A	monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: -which sensors initiate positive shut-down? *(Check all that apply)* ☑ Sump/Trench Sensors; ☑ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☑ Yes ☐ No
☐ Yes	☐ No*	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no
	☑ N/A	mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger?
☐ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product ☐ Water If yes, describe causes in Section E, below.
☑ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: The 12,000 gallon diesel, bulk oil and waste oil tank is a three compartment split tank sharing a common annular sensor.

F. In-Tank Gauging / SIR Equipment:

☑ Check this box if tank gauging is used only for inventory control

☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed

Complete the following checklist:

☑ Yes	☐ No*	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance?
	☐ N/A	*(Check all that apply)* Simulated leak rate: ☑ 3 g.p.h.; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☑ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☑ Yes	☐ No*	Was the testing apparatus properly calibrated?
☑ Yes	☐ No*	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
	☐ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
	☑ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled
	☑ N/A	or disconnected?
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system
	☑ N/A	malfunctions or fails a test?
☐ Yes	☐ No*	For electronic LLDs, have all accessible wiring connections been visually inspected?
	☑ N/A	
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials Co.- San Bernardino	Date of Testing:	7-05-12
Facility Address:	2400 Highland San Bernardino, CA		
Facility Contact:	Jeff Ludy	Phone: 909.875-1150	
Date Local Agency Was Notified of Testing :			
Name of Local Agency Inspector *(if present during testing)*:			

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric Inc.
Technician Conducting Test:	Philip Smith
Credentials[1]:	☐ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s):	8032729-UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	☑ Hydrostatic	☐ Vacuum	☐ Other	
Test Equipment Used: Visual			Equipment Resolution: +/- 0"	
Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**1 Red Dye**	**2 Clear Diesel**	**3Waste oil**	**4**
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑Contained in Sump	☐ Direct Bury ☑Contained in Sump	☐ Direct Bury ☐Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	12"	12"	16"	
Wait time between applying vacuum/water and start of test:	15min.	15min.	15min.	
Test Start Time (T_I):	10:45	10:45	10:45	
Initial Reading (R_I):	6.75"	8.75"	12.5"	
Test End Time (T_F):	11:45	11:45	11:45	
Final Reading (R_F):	6.75"	8.75"	12.5"	
Test Duration ($T_F - T_I$):	1hr	1hr	1hr	
Change in Reading ($R_F - R_I$):	0"	0"	0"	
Pass/Fail Threshold or Criteria:	0"	0"	0"	
Test Result:	☑**Pass** ☐**Fail**	☑**Pass** ☐**Fail**	☑**Pass** ☐**Fail**	☐ **Pass** ☐**Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

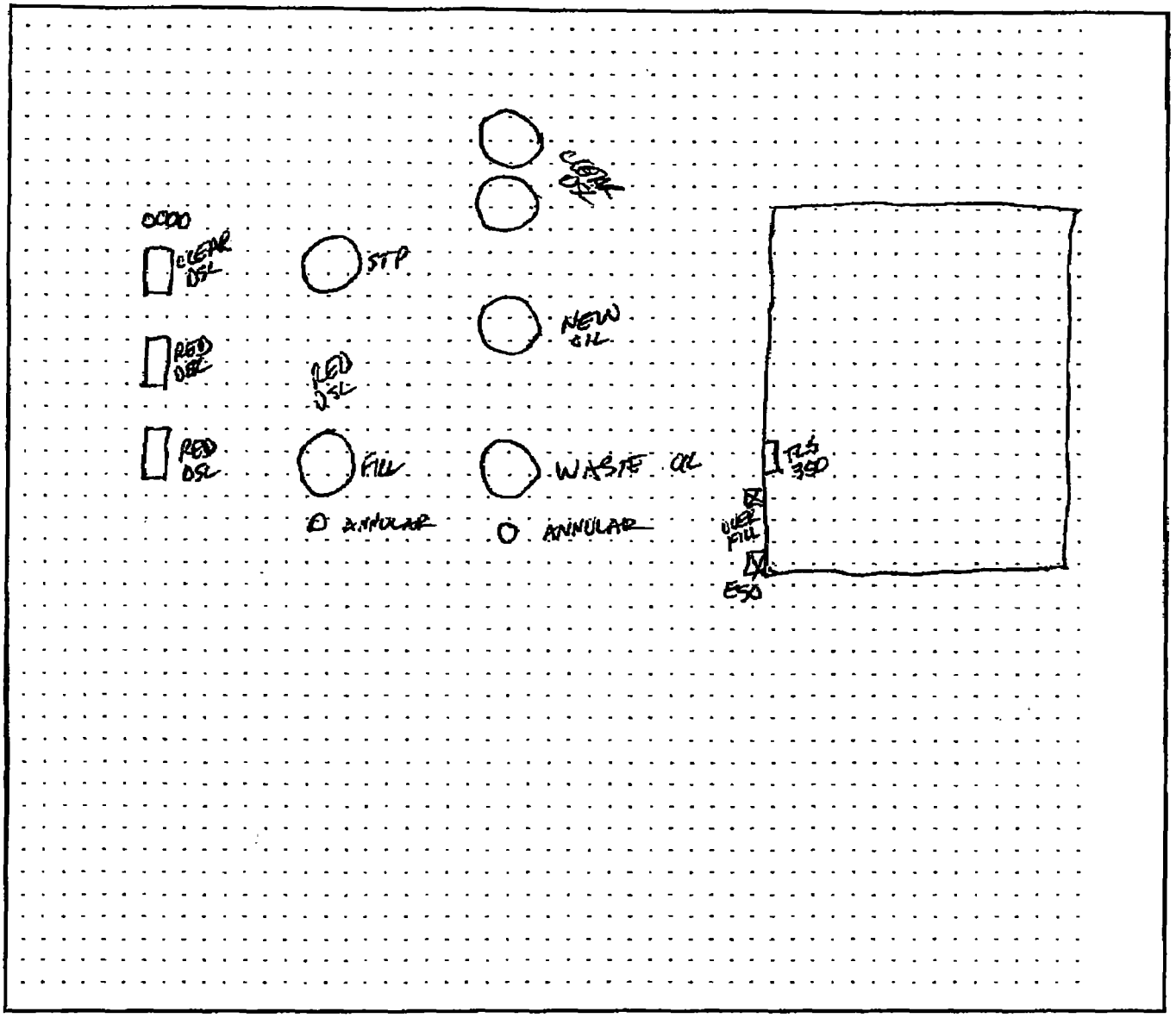
Technician's Signature: *Philip Smith* Date: 7-05-12

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

Monitoring System Certification

UST Monitoring Site Plan

Site Address: 2400 HIGHLAND AVE, SAN BERNARDINO



Date map was drawn: 7/5/12

Instructions

If you already have a diagram that shows all required information, you may include it, rather than this page, with your Monitoring System Certification. On your site plan, show the general layout of tanks and piping. Clearly identify locations of the following equipment, if installed: monitoring system control panels; sensors monitoring tank annular spaces, sumps, dispenser pans, spill containers, or other secondary containment areas; mechanical or electronic line leak detectors; and in-tank liquid level probes (if used for leak detection). In the space provided, note the date this Site Plan was prepared.

SYSTEM SETUP

JUL 5. 2012 10:08 AM

SYSTEM UNITS
U.S.
SYSTEM LANGUAGE
ENGLISH
SYSTEM DATE/TIME FORMAT
MON DD YYYY HH:MM:SS xM

VULCAN
2400 W. HIGHLAND
SAN BERNARDINO,CA

SHIFT TIME 1 : DISABLED
SHIFT TIME 2 : DISABLED
SHIFT TIME 3 : DISABLED
SHIFT TIME 4 : DISABLED

TANK PERIODIC WARNINGS
DISABLED
TANK ANNUAL WARNINGS
DISABLED
LINE PERIODIC WARNINGS
DISABLED
LINE ANNUAL WARNINGS
DISABLED

PRINT TC VOLUMES
ENABLED

TEMP COMPENSATION
VALUE (DEG F): 60.0
STICK HEIGHT OFFSET
DISABLED
DAYLIGHT SAVING TIME
ENABLED
START DATE
MAR WEEK 2 SUN
START TIME
2:00 AM
END DATE
NOV WEEK 1 SUN
END TIME
2:00 AM

SYSTEM SECURITY
CODE : 000000

IN-TANK SETUP

T 1:CLEAR DIESEL

PRODUCT CODE	:	1
THERMAL COEFF	:	.000450
TANK DIAMETER	:	111.50
TANK PROFILE	:	1 PT
FULL VOL	:	12062

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING	:	2.0
HIGH WATER LIMIT	:	3.0
MAX OR LABEL VOL	:	11900
OVERFILL LIMIT	:	90%
	:	10710
HIGH PRODUCT	:	95%
	:	11305
DELIVERY LIMIT	:	24%
	:	2975
LOW PRODUCT	:	1500
LEAK ALARM LIMIT	:	99
SUDDEN LOSS LIMIT	:	99
TANK TILT	:	0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC	:	0%
	:	0
LEAK MIN ANNUAL	:	0%
	:	0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

T 2:RED DIESEL

PRODUCT CODE	:	2
THERMAL COEFF	:	.000450
TANK DIAMETER	:	112.00
TANK PROFILE	:	1 PT
FULL VOL	:	20002

FLOAT SIZE: 4.0 IN. 8496

WATER WARNING	:	2.0
HIGH WATER LIMIT	:	3.0
MAX OR LABEL VOL	:	19800
OVERFILL LIMIT	:	90%
	:	17820
HIGH PRODUCT	:	95%
	:	18810
DELIVERY LIMIT	:	5%
	:	1000
LOW PRODUCT	:	500
LEAK ALARM LIMIT	:	99
SUDDEN LOSS LIMIT	:	99
TANK TILT	:	0.00

MANIFOLDED TANKS
T#: NONE

LEAK MIN PERIODIC	:	0%
	:	0
LEAK MIN ANNUAL	:	0%
	:	0

PERIODIC TEST TYPE
STANDARD

ANNUAL TEST FAIL
ALARM DISABLED

PERIODIC TEST FAIL
ALARM DISABLED

GROSS TEST FAIL
ALARM DISABLED

ANN TEST AVERAGING: OFF
PER TEST AVERAGING: OFF

TANK TEST NOTIFY: OFF

TNK TST SIPHON BREAK:OFF

DELIVERY DELAY : 1 MIN

LIQUID SENSOR SETUP

L 1:RED TURBINE SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : STP SUMP

L 2:RED FILK SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 3:DISP 3 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 4:DISP 2 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 5:DISP 1 UDC
TRI-STATE (SINGLE FLOAT)
CATEGORY : DISPENSER PAN

L 6:BULK OIL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 7:CLEAR FILL SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L 8:CLEAR TURBINE SUMP
TRI-STATE (SINGLE FLOAT)
CATEGORY : STP SUMP

L 9:WASTE OIL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L10:SPILT ANNULAR
TRI-STATE (SINGLE FLOAT)
CATEGORY : ANNULAR SPACE

L11:RED ANNULAR
TRI-STATE (SINGLE FLOAT)
CATEGORY : ANNULAR SPACE

L12:WASTE HI LEVEL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

L13:BULK HI LEVEL
TRI-STATE (SINGLE FLOAT)
CATEGORY : OTHER SENSORS

OUTPUT RELAY SETUP

R 1:RED SHUTDOWN
TYPE:
STANDARD
NORMALLY CLOSED

IN-TANK ALARMS
T 2:LOW PRODUCT ALARM

LIQUID SENSOR ALMS
L 1:FUEL ALARM
L 2:FUEL ALARM
L 4:FUEL ALARM
L 5:FUEL ALARM
L11:FUEL ALARM
L 1:SENSOR OUT ALARM
L 2:SENSOR OUT ALARM
L 4:SENSOR OUT ALARM
L 5:SENSOR OUT ALARM
L11:SENSOR OUT ALARM
ALL:SHORT ALARM

R 3:OVERFILL ALARM
TYPE:
STANDARD
NORMALLY OPEN

IN-TANK ALARMS
ALL:OVERFILL ALARM

R 4:CLEAR SHUTDOWN
TYPE:
STANDARD
NORMALLY CLOSED

LIQUID SENSOR ALMS
L 1:FUEL ALARM
L 2:FUEL ALARM
L 3:FUEL ALARM
L 7:FUEL ALARM
L 8:FUEL ALARM
L10:FUEL ALARM
L 3:SENSOR OUT ALARM
L 7:SENSOR OUT ALARM
L 8:SENSOR OUT ALARM
L10:SENSOR OUT ALARM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 1:CLEAR DIESEL

OVERFILL ALARM
MAY 18, 2011 1:23 AM
MAY 16, 2011 1:31 AM

LOW PRODUCT ALARM
NOV 24, 2010 3:44 PM

PROBE OUT
MAY 18, 2011 9:59 AM
MAY 18, 2011 9:46 AM
MAY 18, 2011 9:19 AM

DELIVERY NEEDED
DEC 28, 2011 3:08 PM
JUN 28, 2011 11:36 AM
FEB 17, 2011 2:31 PM

LOW TEMP WARNING
MAY 18, 2011 10:00 AM

ALARM HISTORY REPORT

---- IN-TANK ALARM -----

T 2:RED DIESEL

PROBE OUT
MAY 18, 2011 9:48 AM

DELIVERY NEEDED
DEC 16, 2011 5:57 PM
SEP 13, 2011 3:03 PM
AUG 9, 2011 5:39 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 1:RED TURBINE SUMP
STP SUMP
FUEL ALARM
JUL 8, 2011 2:49 PM

FUEL ALARM
MAR 17, 2012 11:58 AM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 2:RED FILK SUMP
OTHER SENSORS
FUEL ALARM
MAR 25, 2012 5:20 PM

FUEL ALARM
JAN 23, 2012 8:39 AM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 3:DISP 3 UDC
DISPENSER PAN
FUEL ALARM
JAN 24, 2012 10:30 AM

SENSOR OUT ALARM
JAN 24, 2012 10:24 AM

SENSOR OUT ALARM
JAN 24, 2012 10:22 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 4:DISP 2 UDC
DISPENSER PAN
SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

FUEL ALARM
JUL 8, 2011 2:50 PM

FUEL ALARM
JUL 9, 2010 9:31 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 5:DISP 1 UDC
DISPENSER PAN
FUEL ALARM
JAN 23, 2012 8:23 AM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

FUEL ALARM
JUL 8, 2011 2:50 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 6:BULK OIL SUMP
OTHER SENSORS
SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

FUEL ALARM
JUL 8, 2011 2:42 PM

FUEL ALARM
DEC 21, 2010 2:15 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 7:CLEAR FILL SUMP
OTHER SENSORS
FUEL ALARM
NOV 20, 2011 8:48 PM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

FUEL ALARM
JUL 8, 2011 2:43 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 8:CLEAR TURBINE SUMP
STP SUMP
SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

FUEL ALARM
JUL 8, 2011 2:44 PM

FUEL ALARM
DEC 22, 2010 4:24 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L 9:WASTE OIL
OTHER SENSORS
FUEL ALARM
APR 16, 2012 1:44 PM

FUEL ALARM
APR 16, 2012 1:43 PM

FUEL ALARM
APR 16, 2012 1:41 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L10:SPILT ANNULAR
ANNULAR SPACE
SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

FUEL ALARM
JUL 8, 2011 2:41 PM

SENSOR OUT ALARM
JUL 9, 2010 9:34 AM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L11:RED ANNULAR
ANNULAR SPACE
FUEL ALARM
OCT 5, 2011 3:17 PM

SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

FUEL ALARM
JUL 8, 2011 2:46 PM

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L12:WASTE HI LEVEL
OTHER SENSORS
SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

SENSOR OUT ALARM
JUL 9, 2010 9:34 AM

SENSOR OUT ALARM
JUL 6, 2010 12:58 PM

* * * * * END * * * * *

ALARM HISTORY REPORT

----- SENSOR ALARM -----
L13:BULK HI LEVEL
OTHER SENSORS
SENSOR OUT ALARM
JUL 8, 2011 2:52 PM

SENSOR OUT ALARM
JUL 9, 2010 9:34 AM

SENSOR OUT ALARM
JUL 6, 2010 12:58 PM

* * * * * END * * * * *

MONITORING SYSTEM CERTIFICATION FA0001676

For Us All Jurisdictions Within the State of Califor

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

RECEIVED
JUL 15 2011

A. General Information

Facility Name:	Vulcan Materials Company		Bldg. No:	S.B. CO. FIRE DEPT.	
Site Address:	2400 West Highland Ave.	City:	San Bernardino	Zip:	92407
Facility Contact Person:	Jeff Ludy	Contact Phone No.:	909.875.1150		
Make/Model of Monitoring System:	Veeder Root TLS 350	Date of Testing/Servicing:	7/8/2011		

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced

Tank ID: 20,000 gallon - DSL			**Tank ID:** 12,000 gallon DSL		
☑ In-Tank Gauging Probe.	Model:	847390-109	☑ In-Tank Gauging Probe	Model:	847390-109
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☑ Piping Sump / Trench Sensor(s).	Model:	794380-208	☑ Piping Sump / Trench Sensor(s)	Model:	794380-208
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000	☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP	☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Tank ID: Waste Oil			**Tank ID:** Bulk Oil		
☐ In-Tank Gauging Probe.	Model:		☐ In-Tank Gauging Probe	Model:	
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☐ Piping Sump / Trench Sensor(s).	Model:		☐ Piping Sump / Trench Sensor(s)	Model:	
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☐ Mechanical Line Leak Detector	Model:		☐ Mechanical Line Leak Detector	Model:	
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	794390-208	☐ Tank Overfill / High-Level Sensor	Model:	
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Dispenser ID: 1			**Dispenser ID:** 2		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☑ Dispenser Containment Sensor(s).	Model:	794380-208
☑ Shear Valve(s).			☑ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID: 3			**Dispenser ID:**		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☐ Dispenser Containment Sensor(s).	Model:	
☑ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID:			**Dispenser ID:**		
☐ Dispenser Containment Sensor(s).	Model:		☐ Dispenser Containment Sensor(s).	Model:	
☐ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*: ☑ System Setup ☑ Alarm History Report

Technician Name(print):	William Madsen	Signature:	William Madsen
Certification No:	B34130	License. No:	5263306-UT
Testing Company Name:	Pacific Systems Electric, Inc.	Phone No:	951-926-3200
Site Address:	32670 Dowling Ct, Winchester, CA 92596		

ENTERED 8/9/11

D. Results of Testing/Servicing

Software Version Installed: 17.02

Complete the following checklist:

☑ Yes	☐ No*	Is the audible alarm operational?
☑ Yes	☐ No*	Is the visual alarm operational?
☑ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No*	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
	☑ N/A	
☑ Yes	☐ No*	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: -which sensors initiate positive shut-down? *(Check all that apply)* ☑ Sump/Trench Sensors; ☑ ispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☑ Yes ☐ No
	☐ N/A	
☐ Yes	☐ No*	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger?
	☑ N/A	
☐ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product ☐ Water If yes, describe causes in Section E, below.
☑ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: The 12,000 gallon diesel, bulk oil and waste oil tank is a three compartment split tank sharing a common annular sensor.

F. In-Tank Gauging / SIR Equipment:

☑ heck this box if tank gauging is used only for inventory control

☐

☐ heck this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☐ heck this box if LLDs are not installed

Complete the following checklist:

☑ Yes	☐ No*	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance?
	☐ N/A	*(Check all that apply)* Simulated leak rate: ☑ 3 g.p.h.; ☐ .1 g.p.h ; ☐ 0.2 g.p.h.
☑ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☑ Yes	☐ No*	Was the testing apparatus properly calibrated?
☑ Yes	☐ No*	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
	☐ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
	☑ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled
	☑ N/A	or disconnected?
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system
	☑ N/A	malfunctions or fails a test?
☐ Yes	☐ No*	For electronic LLDs, have all accessible wiring connections been visually inspected?
	☑ N/A	
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials Co.- San Bernardino	Date of Testing:	7-8-11
Facility Address:	2400 Highland San Bernardino, CA		
Facility Contact:	Jeff Ludy	Phone: 909.875-1150	
Date Local Agency Was Notified of Testing :			
Name of Local Agency Inspector *(if present during testing)*:	Jake K		

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric Inc.
Technician Conducting Test:	William Madsen
Credentials[1]:	☐ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s):	5263306-UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	☑ Hydrostatic	☐ Vacuum	☐ Other	
Test Equipment Used: Visual			Equipment Resolution: +/- 0"	

Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**1 Red Dye**	**2 Clear Diesel**	**3Waste oil**	**4**
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑Contained in Sump	☐ Direct Bury ☑Contained in Sump	☐ Direct Bury ☐Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	12"	12"	12"	
Wait time between applying vacuum/water and start of test:	15min.	15min.	15min.	
Test Start Time (T_I):	2:15pm	2:15pm	2:15pm	
Initial Reading (R_I):	7.75"	7.5"	8.25"	
Test End Time (T_F):	3:15pm	3:15pm	3:15pm	
Final Reading (R_F):	7.75"	7.5"	8.25"	
Test Duration ($T_F - T_I$):	1hr	1hr	1hr	
Change in Reading ($R_F - R_I$):	0"	0"	0"	
Pass/Fail Threshold or Criteria:	0"	0"	0"	
Test Result:	☑**Pass** ☐ **Fail**	☑**Pass** ☐ **Fail**	☑**Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: *William Madsen* Date: 7-8-11

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

Pacific Systems Electric, Inc.

32670 Dowling Court
Winchester CA 92596
California State License No. 561275

Servicing the Petroleum Industry Since 1989

Mechanical Leak Detectors Test Results

Facility Name: Vulcan Materials Co	**Inspector:** Jake K.
Address: 2400 Highland	**Number of Lines** 2
San Bernardino, CA	**Type:** Mechanical
	Date: 7-8-11

Line Number	1	2	3	4	5
Test Method:	**VMI LD-890**	**VMI LD-890**			
Product:	**Red Dye Diesel**	**Clear Diesel**			
Manufacturer:	VMI	VMI			
MLLD Model:	99ML2000	99ML2000			
Serial Number:					
Line Drain Back (ml):	350 ml	200 ml			
L/D Trip Time: (sec)	3 sec.	5 sec.			
Holding Pressure (psi):	30	29			
Metering Pressure (psi):	21	19			
Leak Rate: (g p h)	3 gph	3 gph			
L/D Result:	Pass	Pass			

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

HAZARDOUS MATERIAL FIELD SERVICES
COMPUTER DATABASE UPDATE AUTHORIZATION (5050 Form)

☐ Quick Submit-Correct minor information without full verification.

*UPDATE INVOICE MAILING CODE: (CIRCLE ONE) O F A CURRENT INVOICE MAILING CODE: F

O- OWNER INFORMATION — OWNER ID: OW0003269

Legal Owner

*NAME: CALMAT CO/DBA VULCAN MATERIALS, WESTERN DIVISION

*ADDRESS 1: 3200 SAN FERNANDO RD ADDRESS 2:

*CITY: LOS ANGELES *STATE: CA *ZIP CODE: 90065 *COUNTRY: USA

*PHONE: 323-258-2777 EXT: FAX:

ALT PHONE: 323-255-0722 EXT: FYI LAST UPDATED: 01/03/2012

OWNER MAILING ADDRESS

☐ Same as Owner

CARE OF: PAYMENT SVCS CENTER DBA: VULCAN MAT. WESTERN DIVISION

ADDRESS1: 3200 SAN FERNANDO ROAD ADDRESS 2:

CITY: LOS ANGELES STATE: CA ZIP CODE: 90065 COUNTRY: USA

F- FACILITY INFORMATION — FACILITY ID: FA0001676

*NAME: VULCAN MATERIALS WEST DIVISION #2 CERS ID: 10036714

*ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

*CITY: SAN BERNARDINO *STATE: CA *ZIP CODE: 92407 *CITY CODE: SAN BERNARDINO

*PHONE: 909-875-1150 EXT: ALT PHONE: 323-258-2777 EXT: 3251 FAX: 323-258-3289

CENSUS: MILITARY SCHOOL MEDICAL *SUPERVISORIAL DISTRICT: 005 *INSPECTION DISTRICT: 07 NUMBER OF EMP.: 29

FIRE JURISDICTION: SAN BDNO CITY FIRE SIC CODE: Construction Sand and Gravel

*BUSINESS CODE: CORPORATION *BUSINESS TYPE: OTHER FYI LAST UPDATED: 03/22/2012

FACILITY MAILING ADDRESS

☐ Same as Facility

☐ Same as Owner Mailing Address

BUSINESS NAME: VULCAN MATERIALS WEST DIVISION #2

CARE OF: SCOTT BEVAN

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

*EMAIL: STJOHNC@VMCMAIL.COM; BEVANS@VMCMAIL.COM ☐ NO EMAIL (insert comment 3899 with "NO EMAIL-Inspector Name)

A- A/R INFORMATION — ACCOUNT ID: AR0001676

RESPONSIBLE PARTY: VULCAN MATERIALS WEST DIVISION #2

☐ Same as Owner Mailing Address ☐ Same as Facility Mailing Address

CARE OF: MATT BRANSTETTER

ADDRESS 1: 2400 W HIGHLAND AVE ADDRESS 2:

CITY: SAN BERNARDINO STATE: CA ZIP CODE: 92407 COUNTRY: USA

PHONE: EXT: ALT PHONE: EXT:

ALT PHONE 2: EXT: FYI EXEMPT FROM BILLING: NO FYI Last Billing: 11/08/2011

FYI ANNIVERSARY DATE: 10/31/2002 FYI ACCOUNT STATUS: ACTIVE ACCOUNT FYI TOTAL DUE: 0.00

ENVIRONMENTAL CONTACT NAME: TONY VARISCO EMAIL:

Business Code= 01-Corporation, 02-Individual, 03-Partnership, 04-Local Agency/District, 05-County Agency, 06-State Agency, 07-Federal Agency
Business Type=01-Gas Station, 02-Distributor, 03-Farm, 04-Processor, 05-Commercial, 06-Other

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected to complete all fields on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

PERMIT INFORMATION (CIRCLE THOSE THAT APPLY)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0020774	ACTIVE	4031-APSA 1,320-10,000 GAL	11/01/2011	10/31/2012
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
	PR0020026	ACTIVE, BILLABLE			
	GHP OR UST ID	CURRENT STATUS(BILLING)			UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0002283	ACTIVE	4223-HAZMAT HANDLER 26-50 E	11/01/2011	10/31/2012
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
	PR0002527	ACTIVE, BILLABLE			
	GHP OR UST ID	CURRENT STATUS(BILLING)			UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0024512	ACTIVE	4270-EPCRA FACILITY	11/01/2011	10/31/2012
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
	PR0032381	ACTIVE, BILLABLE			
	GHP OR UST ID	CURRENT STATUS(BILLING)			UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0024806	INACTIVE	4270-EPCRA FACILITY	11/01/2010	10/31/2011
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
	PR0032845	INACTIVE, NON-BILLAB			
	GHP OR UST ID	CURRENT STATUS(BILLING)			UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0002284	ACTIVE	4420-SPECIAL GENERATOR	11/01/2011	10/31/2012
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
	PR0002528	ACTIVE, BILLABLE			
	GHP OR UST ID	CURRENT STATUS(BILLING)			UPDATED P.E.

Underground Storage Tank(s)

☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011813	ACTIVE	4104-UST OWNERSHIP/OPERAT	11/01/2011	10/31/2012
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002529	ACTIVE, EXEMPT FROM BILLING	TA0001692	ACTIVE, BILLABLE		
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)	GHP OR UST ID	CURRENT STATUS(BILLING)		UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011814	ACTIVE	4104-UST OWNERSHIP/OPERAT	11/01/2011	10/31/2012
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002529	ACTIVE, EXEMPT FROM BILLING	TA0001693	ACTIVE, BILLABLE		
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)	GHP OR UST ID	CURRENT STATUS(BILLING)		UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011815	ACTIVE	4104-UST OWNERSHIP/OPERAT	11/01/2011	10/31/2012
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002529	ACTIVE, EXEMPT FROM BILLING	TA0001694	ACTIVE, BILLABLE		
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)	GHP OR UST ID	CURRENT STATUS(BILLING)		UPDATED P.E.
☐ UPDATE ☐ INACTIVATE ☐ ZERO OUT BALANCE	PT0011816	ACTIVE	4104-UST OWNERSHIP/OPERAT	11/01/2011	10/31/2012
	PERMIT NUMBER.	PERMIT STATUS	ORIGINAL P.E.	EFFECTIVE DATE	EXPIRATION DATE
PR0002529	ACTIVE, EXEMPT FROM BILLING	TA0001695	ACTIVE, BILLABLE		
GHP FOR UST(PH)	CURRENT STATUS FOR UST(PH)	GHP OR UST ID	CURRENT STATUS(BILLING)		UPDATED P.E.

ADD NEW P.E.

NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.
NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.	NEW P.E.

NUMBER OF ACTIVE UST'S 4

*Is this an operating facility that does not require permits (keep AR active and add 0202 GHP record)? Yes No

*Should this facility be inactivated upon verification that there is no balance due? Yes No

*Is this a new owner (a blue book comment is required if Q is yes and there is not a request for demand bill)? Yes No

*Does this 5050 have attached documents? Yes No

*DATE SUBMITTED: _____ DATE ENTERED: _____ FISCAL ENTRY DATE/ INITIAL: _____

*SUBMITTED BY: _____ ENTERED BY: _____ ***Demand bill for updated PEs**: Yes No

SPECIAL INSTRUCTIONS: Information in this location will not be entered into Envision.

COMMENTS/REMARKS: Only text in this area will be entered as a blue book comment. Please attach and label additional sheets needed for comments.

The fields that are marked with an asterisk must be completed or the form will be returned to the requestor. The requestor is expected to complete all fields on this form to the best of his or her ability. Please use the Quick Submit process reasonably.

San Bernardino County Fire Department

UST FACILITY INFORMATION SHEET

FACILITY ID: FA0001676
CROSS REFERENCE: 86008958
VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

OWNER ID: OW0003269
CALMAT CO/DBA VULCAN MATERIALS,
WESTERN DIVISION
3200 SAN FERNANDO ROAD
LOS ANGELES, CA 90065

Record ID	STATUS	EXPIRATION DATE	PROGRAM ELEMENT
PMT: PT0020774	ACTIVE	10/31/2012	4031 - APSA 1,320-10,000 GAL FAC CAPACITY
GHP: PR0020026	ACTIVE, BILLABLE		4031-APSA 1,320-10,000 GAL FAC CAPACITY
PMT: PT0011813	ACTIVE	10/31/2012	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD
TANK ID: TA0001692	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)
Tank Owner's ID: 2	Agency Tank #: 2	Manufactured by:JOOR	Capacity: 20,000 Date Installed:
# of Compartments: 1	Type of System: DOUBLE WALLED		Product Type: DIESEL
Type of Use: MOTOR VEHICLE FUEL	Chemical Form:		ELD (Tank Leak Detection):
Common Name of Substance: DIESEL			
Additional Description of Tank:			
Location Within Site:W			
PMT: PT0011814	ACTIVE	10/31/2012	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD
TANK ID: TA0001693	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)
Tank Owner's ID: 3	Agency Tank #: 3	Manufactured by:JOOR	Capacity: 4,500 Date Installed: 01/01/1987
# of Compartments: 3	Type of System: DOUBLE WALLED		Product Type: USED OIL
Type of Use: HAZ. WASTE(USED OIL)	Chemical Form:		ELD (Tank Leak Detection):
Common Name of Substance: WASTE OIL			
Additional Description of Tank:			
Location Within Site:SE			
PMT: PT0011815	ACTIVE	10/31/2012	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD
TANK ID: TA0001694	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)
Tank Owner's ID: 4	Agency Tank #: 4	Manufactured by:JOOR	Capacity: 3,500 Date Installed: 01/01/1987
# of Compartments: 3	Type of System: DOUBLE WALLED		Product Type: OTHER PETROLEUM
Type of Use: NON-FUEL PETROLEUM	Chemical Form:		ELD (Tank Leak Detection):
Common Name of Substance:			
Additional Description of Tank: NOT CURRENTLY USED			
Location Within Site:E CENTER COMPARTMENT PREVIOUSLY HELD NEW OIL			
PMT: PT0011816	ACTIVE	10/31/2012	4104 - UST OWNERSHIP/OPERATING PERMIT (PER UST)
GHP: PR0002529	ACTIVE, EXEMPT FROM BILLING		4102-UST GENERAL HEALTH PROGRAM RECORD
TANK ID: TA0001695	ACTIVE, BILLABLE		4104-UST OWNERSHIP/OPERATING PERMIT (PER UST)
Tank Owner's ID: 1	Agency Tank #: 1	Manufactured by:JOOR	Capacity: 12,000 Date Installed: 01/01/1987
# of Compartments: 3	Type of System: DOUBLE WALLED		Product Type: DIESEL
Type of Use: MOTOR VEHICLE FUEL	Chemical Form:		ELD (Tank Leak Detection):
Common Name of Substance: CLEAR DIESEL			
Additional Description of Tank:			
Location Within Site:NE			
PMT: PT0002283	ACTIVE	10/31/2012	4223 - HAZMAT HANDLER 26-50 EMPLOYEES
GHP: PR0002527	ACTIVE, BILLABLE		4223-HAZMAT HANDLER 26-50 EMPLOYEES
PMT: PT0024512	ACTIVE	10/31/2012	4270 - EPCRA FACILITY
GHP: PR0032381	ACTIVE, BILLABLE		4270-EPCRA FACILITY
PMT: PT0024806	INACTIVE	10/31/2011	4270 - EPCRA FACILITY
GHP: PR0032845	INACTIVE, NON-BILLABLE		4270-EPCRA FACILITY
PMT: PT0002284	ACTIVE	10/31/2012	4420 - SPECIAL GENERATOR
GHP: PR0002528	ACTIVE, BILLABLE		4420-SPECIAL GENERATOR

D.O. SUBMITTED DATE (D1 on Facility):03/07/2011

PLAN_SUBMITTED	RECORD_ID	ASSIGNED TO	STATUS	DATE_PLAN_APPROVED	DATE_PLAN_REJECTED
03/01/2012	**SR0038681**	**JERRY WONG**	**NOT REVIEWED**		

Type of System

02-DOUBLE WALLED
01-SINGLE WALLED
95-UNKNOWN

Type of Use

1c-AVIATION FUELING
03-CHEMICAL PRODUCT
05-EMERGENCY GEN. FUEL
04-HAZ. WASTE(USED OIL)
1b-MARINA FUELING
1a-MOTOR VEHICLE FUEL
02-NON-FUEL PETROLEUM
99-OTHER
06-OTHER GENERATOR
95-UNKNOWN

Product Type

06-AVIATION GAS
06A-AVIATION GAS
03-DIESEL
03A-DIESEL
10-ETHANOL
10A-ETHANOL
04-GASOHOL
05-JET FUEL
05A-JET FUEL
02-LEADED
01C-MIDGRADE UNLEADED
1c-MIDGRADE UNLEADED
99-OTHER
11-OTHER NON-PETROLEUM
09-OTHER PETROLEUM
08A-PETROLEUM BLEND
08-PETROLEUM BLEND FUEL
01B-PREMIUM UNLEADED
1b-PREMIUM UNLEADED
01A-REGULAR UNLEADED
1a-REGULAR UNLEADED
95-UNKNOWN
07-USED OIL
07A-USED OIL

FAH

SECONDARY CONTAINMENT TESTING REPORT FORM

Pacific Systems Electric, Inc.

Winchester California 92596
California State License No. 561275
Servicing the Petroleum Industry Since 1989

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the local implementing agency.

1. FACILITY INFORMATION

Facility Name: Vulcan Materials Company	Date of Testing:	2-28-12
Facility Address: 2400 Highland Ave. San Bernardino, CA 92407		**Test Type:**
Facility Contact: Floyd Sibole	Phone: 909.875.1150	☑ Retest
Date Local Agency Was Notified of Testing : Feb. 23, 2012		☐ 6 month
Name of Local Agency Inspector *(if present during testing)*:		☐ 36 month

RECEIVED
MAR 06 2012
S.B. CO. FIRE DEPT

2. TESTING CONTRACTOR INFORMATION

Company Name: Pacific Systems Electric, Inc.		
Technician Conducting Test: Phillip Smith		
Credentials: ☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester	
License Type: A-General Engineering	License Number: 561275	

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
ICC	Service Technician	9/29/2013
Franklin Fueling Systems	STS-Sump Tester	2/15/2014

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
20K Red Diesel Secondary Piping	☑	☐	☐	☐		☐	☐	☐	☐
New Oil Secondary Piping	☑	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
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	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

ENTERED
J Guerra
3-21-12

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: Phillip Smith Date: 2-28-12

CR

4. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☑ Pressure	☐ Vacuum	☐Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Gauge, Nitrogen Gas		Equipment Resolution: + / - .5%	

	Piping Run # 20K DSL	**Piping Run # New Oil**	**Piping Run #**	**Piping Run #**
Piping Material:	Poly	Fiberglass		
Piping Manufacturer:	APT	Smith		
Piping Diameter:	2"	3"/2"		
Length of Piping Run:	35'	10'		
Product Stored:	Red Diesel	Oil		
Method and location of piping-run isolation:	Test Boot	Test Boot		
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min		
Test Start Time	10:45 AM	9:30 AM		
Initial Reading (R_I):	5 PSI	5 PSI		
Test End Time:	11:45 AM	10:30 AM		
Final Reading (R_F):	5 PSI	5 PSI		
Test Duration:	1 Hour	1 Hour		
Change in Reading (R_F-R_I):	0 PSI	0 PSI		
Pass/Fail Threshold or Criteria:	No Loss	No Loss		
Test Result:	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Replaced test boots and retest.

Completed Form Sent To
Local Implementing Agency
By
Pacific Systems Electric, Inc.

FA#0001676

SECONDARY CONTAINMENT TESTING REPORT FORM

Pacific Systems Electric, Inc.

Winchester California 92596

California State License No. 561275

Servicing the Petroleum Industry Since 1989

RECEIVED

JAN 31 2012

S.B. CO. FIRE DEPT.

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the local implementing agency.

1. FACILITY INFORMATION

Facility Name: Vulcan Materials Company	Date of Testing:	1-23-12
Facility Address: 2400 Highland Ave. San Bernardino, CA 92407		**Test Type:**
Facility Contact: Scott Bevan	Phone: 909.875.1150	☐ Retest
Date Local Agency Was Notified of Testing : Jan. 18, 2012		☐ 6 month
Name of Local Agency Inspector *(if present during testing)*:		☑ 36 month

2. TESTING CONTRACTOR INFORMATION

Company Name: Pacific Systems Electric, Inc.		
Technician Conducting Test: Josh Jones		
Credentials: ☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester	
License Type: A-General Engineering	License Number: 561275	

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
International Code Council	Service Technician	December 14, 2012
Franklin Fueling Systems	STS-Sump Tester	Sept 16, 2013

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
Spilt Tank Annular	☑	☐	☐	☐	Waste Oil Fill Sump	☑	☐	☐	☐
20K Red Diesel Tank Annular	☑	☐	☐	☐	New Oil Fill Sump	☑	☐	☐	☐
20K Red Diesel Secondary Piping	☐	☑	☐	☐	Waste Oil Spill Bucket	☑	☐	☐	☐
20K Diesel Fill Sump	☑	☐	☐	☐	Clear Diesel Spill Bucket	☑	☐	☐	☐
20K Diesel 20K Piping Sump	☑	☐	☐	☐	Red Diesel Spill Bucket	☑	☐	☐	☐
Split Diesel Fill Sump	☑	☐	☐	☐	New Oil Secondary Piping	☐	☑	☐	☐
Split Diesel Piping Sump	☑	☐	☐	☐		☐	☐	☐	☐
Split Diesel Secondary Piping	☑	☐	☐	☐		☐	☐	☐	☐
UDC 1	☑	☐	☐	☐		☐	☐	☐	☐
UDC2	☑	☐	☐	☐		☐	☐	☐	☐
UDC3	☑	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Test water was pumped into (4) -55 Gallon drums, labeled as Hazardous Waste, and left with tank owner for proper disposal.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: Josh Jones Date: 1-23-12

ENTERED 2-6-12

TANK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐Pressure	☑☑Vacuum	☐ Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Vacuum Gauge, Venturi Pump		Equipment Resolution: +/- .25%	

	Tank # Split Tank	Tank #Diesel	Tank #	Tank #
Is Tank Exempt From Testing?[1]	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☐ No
Tank Capacity:	20,000 gal	20,000 gal		
Tank Material:	Fiberglass/Steel	Fiberglass/Steel		
Tank Manufacturer:	Joor	Joor		
Product Stored:	Oil/Diesel	Diesel		
Wait time between applying pressure/vacuum/water and starting test:	45 Min	45 Min		
Test Start Time:	10:45AM	9:30AM		
Initial Reading (R_I):	10"hg.	10"hg.		
Test End Time:	12:45PM	11:30AM		
Final Reading (R_F):	10" hg.	10" hg.		
Test Duration:	2.0 hr.	2.0 hr.		
Change in Reading (R_F-R_I):	0" hg.	0" hg.		
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss		
Test Result:	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, & recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. {California Code of Regulations, Title 23, Section 2637(a)(6)}

5. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*		
Test Method Used:	☑ Pressure ☐ Vacuum ☐ Hydrostatic ☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Gauge, Nitrogen Gas		Equipment Resolution: + / - .5%	

	Piping Run # 20K DSL	**Piping Run #** 12 K Clear DSL	**Piping Run #** New Oil	**Piping Run #**
Piping Material:	Poly	Poly	Fiberglass	
Piping Manufacturer:	APT	APT	Smith	
Piping Diameter:	2"	2"	3"/2"	
Length of Piping Run:	35'	40'	10'	
Product Stored:	Red Diesel	Diesel	Oil	
Method and location of piping-run isolation:	Test Boot	Test Boot	Test Boot	
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min	15 Min	
Test Start Time		8:15am		
Initial Reading (R_I):		5Psi		
Test End Time:		9:15am		
Final Reading (R_F):		5Psi		
Test Duration:		1.0hr		
Change in Reading (R_F-R_I):		0 Psi		
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss	Zero Loss	
Test Result:	☐ **Pass** ☑ **Fail**	☑ **Pass** ☐ **Fail**	☐ **Pass** ☑ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

20k diesel and new oil failed due to bad test boots. Replace test boots and retest.

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: INCON TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	Sump # DSL 20K Turbine	Sump #DSL 12K Turbine	Sump # W/O	Sump #N/O
Sump Diameter:	42"	42"	41"	41"
Sump Depth:	42"	36"	52"	51"
Sump Material:	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Height from Tank Top to Top of Highest Piping Penetration:	12"	12"	14"	11"
Height from Tank Top to Lowest Electrical Penetration:	26"	24"	15"	21"
Condition of sump prior to testing:	Ok	Ok	Good	Good
Portion of Sump Tested[2]	20"	16"	18"	15"
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No☐NA	☐Yes ☐No ☐NA
Turbine shutdown response time	Sec	Sec	Sec	Sec
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes☐ No ☐NA	☐Yes ☐No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑NA	☐ Yes ☐ No ☑ NA	☐Yes☐ No ☐NA	☐Yes ☐No ☐NA
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min	15 Min	15 Min
Test Start Time:	10:53am/11:09am	1:14pm/1:30pm	10:53am/11:09am	12:15pm/12:30pm
Initial Reading (R_I):	2.7564"/2.7580"	4.4049"/4.4053"	3.9632"/3.9632"	2.9020"/2.9015"
Test End Time:	11:08am/11:24am	1:29pm/1:45pm	11:08am/11:24a	12:30pm/12:46pm
Final Reading (R_F):	2.7581"/2.7572"	4.4053"/4.4054"	3.9632"/3.9632"	2.9016"/2.9013"
Test Duration:	2/15 Minute Tests	2/15 Minute Tests	2/15 Minute Tests	2/15 Minute Tests
Change in Reading (R_F-R_I):	0.0017"/0.0008"	0.0004"/.0001"	.0000"/.0000"	.0004"/.0002"
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	No Loss > .002"
Test Result:	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes☐ No ☐NA	☑Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No☐NA	☑Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[2] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

6. 7.UNDER-DISPENSER CO[illegible]AINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*		
Test Method Used:	☐ Pressure ☐ Vacuum ☑Hydrostatic ☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	UDC # 1	UDC # 2	UDC # 3	UDC #
UDC Manufacturer:	APT	APT	APT	
UDC Material:	Poly	Poly	Poly	
UDC Depth:	36"	36"	36"	
Height from UDC Bottom to Top of Highest Piping Penetration:	19"	17"	10"	
Height from UDC Bottom to Lowest Electrical Penetration:	24"	22"	19"	
Condition of UDC prior to testing:	Good	Good	Good	
Portion of UDC Tested[3]	22"	20"	15"	
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐No ☐NA
Turbine shutdown response time	Sec	Sec		
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐No ☐NA
Wait time between applying pressure/vacuum/water and starting test	15 Min	15 Min	15 Min	
Test Start Time:	8:27am/8:42am	8:27am/8:42am	9:54am/10:20am	
Initial Reading (R_I):	3.8923"/3.8963"	2.1664"/2.1645"	5.3877"/5.3895"	
Test End Time:	8:42am/8:57am	8:42am/8:57am	10:09am/10:36am	
Final Reading (R_F):	3.8935"/3.8965"	2.1658"/2.1638"	5.3879"/5.3902"	
Test Duration:	2/15 Minute Tests	2/15 Minute Tests	2/15 Minute Tests	
Change in Reading (R_F-R_I):	0.0022"/0.0002"	0.0006"/0.0007"	0.0003"/0.0007"	
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	
Test Result:	**☑Pass ☐Fail**	**☑Pass ☐Fail**	**☑Pass ☐Fail**	**☐Pass ☐ Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[3] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

8.FILL RISER CONTA[illegible]IENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐				
Fill Riser Containment Sumps are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*			
Test Method Used:	☐ Pressure ☐ Vacuum ☐Hydrostatic ☐ Other *(Specify)*			
Test Equipment Used: Incon TS-STS Sump Testing System			Equipment Resolution: 000.0000"	
	Fill Sump # 12K DSL	**Fill Sump #20K DSL**	**Fill Sump #**	**Fill Sump #**
Sump Diameter:	42"	42"		
Sump Depth:	51"	52"		
Height from Tank Top to Top of Highest Piping Penetration:	16"	19"		
Height from Tank Top to Lowest Electrical Penetration:	26"	24"		
Condition of sump prior to testing:	Good	Good		
Portion of Sump Tested	20"	16"		
Sump Material:	Fiberglass	Fiberglass		
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min		
Test Start Time:	12:15pm/12:30pm	9:38am/9:54am		
Initial Reading (R_I):	3.6133"/3.6130"	3.3220"/3.3220"		
Test End Time:	12:30pm/12:46pm	9:53am/10:09am		
Final Reading (R_F):	3.6129"/3.6129"	3.3220"/3.3223"		
Test Duration:	2/15 Minute Tests	2/15 Minute Tests		
Change in Reading (R_F-R_I):	.0004"/.0001"	0.0000"/0.0003"		
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"		
Test Result:	☐ **Pass** ☑ **Fail**	☑**Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Is there a sensor in the sump?	☑ Yes ☐ No	☑ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
Does the sensor alarm when either product or water is detected?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐NA	☐ Yes☐ No ☐NA
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐NA	☐ Yes☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐NA	☐ Yes☐ No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

9. SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐				
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*			
Test Method Used:	☐ Pressure ☐ Vacuum ☐Hydrostatic ☐ Other *(Specify)*			
Test Equipment Used:			Equipment Resolution:	

	Spill Box #Waste Oil	**Spill Box #20K DSL**	**Spill Box #12K DSL**	**Spill Box #**
Bucket Diameter:	12″	12″	12″	
Bucket Depth:	16″	13″	13″	
Wait time between applying pressure/vacuum/water and starting test:	15min	15min	15min	
Test Start Time:	10:15am	7:45am	9:00AM	
Initial Reading (R_I):	10″	7″	8.25″	
Test End Time:	11:15am	8:45am	10:00AM	
Final Reading (R_F):	10″	7″	8.25″	
Test Duration:	1.0 hr	1.0 hr	1.0hr	
Change in Reading (R_F-R_I):	0″	0″	0	
Pass/Fail Threshold or Criteria:	No Loss	No Loss	No Loss	
Test Result:	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☐ **Pass** ☐**Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Spill buckets are located in contained sumps.

Completed Form Sent To
Local Implementing Agency
By
Pacific Systems Electric, Inc.

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
VULCAN MATERIALS CO.
2400 HIGHLAND AVE.
SAN BERNARDINO CA 92407

01/23/2012 11:08 AM

SUMP LEAK TEST REPORT

RDDSLPS

TEST STARTED	10:53 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	2.7564 IN
END TIME	11:08 AM
END DATE	01/23/2012
END LEVEL	2.7581 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WSTOLPS

TEST STARTED	10:53 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	3.9632 IN
END TIME	11:08 AM
END DATE	01/23/2012
END LEVEL	3.9632 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRI
TESTING SERVICES
VULCAN MATERIALS CO.
2400 HIGHLAND AVE.
SAN BERNARDINO CA 92407

01/23/2012 12:30 PM

SUMP LEAK TEST REPORT

CDSLFS

TEST STARTED	12:15 PM
TEST STARTED	01/23/2012
BEGIN LEVEL	3.6133 IN
END TIME	12:30 PM
END DATE	01/23/2012
END LEVEL	3.6129 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

NWOILPS

TEST STARTED	12:15 PM
TEST STARTED	01/23/2012
BEGIN LEVEL	2.9020 IN
END TIME	12:30 PM
END DATE	01/23/2012
END LEVEL	2.9016 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
VULCAN MATERIALS CO.
2400 HIGHLAND AVE.
SAN BERNARDINO CA 92407

01/23/2012 8:42 AM

SUMP LEAK TEST REPORT

UDC 1

TEST STARTED	8:27 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	3.8923 IN
END TIME	8:42 AM
END DATE	01/23/2012
END LEVEL	3.8935 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

UDC 2

TEST STARTED	8:27 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	2.1664 IN
END TIME	8:42 AM
END DATE	01/23/2012
END LEVEL	2.1658 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
VULCAN MATERIALS CO.
2400 HIGHLAND AVE.
SAN BERNARDINO CA 92407

01/23/2012 11:24 AM

SUMP LEAK TEST REPORT

RDDSLPS

TEST STARTED	11:09 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	2.7580 IN
END TIME	11:24 AM
END DATE	01/23/2012
END LEVEL	2.7572 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

WSTOLPS

TEST STARTED	11:09 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	3.9632 IN
END TIME	11:24 AM
END DATE	01/23/2012
END LEVEL	3.9632 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
VULCAN MATERIALS CO.
2400 HIGHLAND AVE.
SAN BERNARDINO CA 92407

01/23/2012 12:46 PM

SUMP LEAK TEST REPORT

CDSLFS

TEST STARTED	12:30 PM
TEST STARTED	01/23/2012
BEGIN LEVEL	3.6130 IN
END TIME	12:46 PM
END DATE	01/23/2012
END LEVEL	3.6129 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

NWOILPS

TEST STARTED	12:30 PM
TEST STARTED	01/23/2012
BEGIN LEVEL	2.9015 IN
END TIME	12:46 PM
END DATE	01/23/2012
END LEVEL	2.9013 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
VULCAN MATERIALS CO.
2400 HIGHLAND AVE.
SAN BERNARDINO CA 92407

01/23/2012 8:58 AM

SUMP LEAK TEST REPORT

UDC 1

TEST STARTED	8:42 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	3.8963 IN
END TIME	8:57 AM
END DATE	01/23/2012
END LEVEL	3.8965 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

UDC 2

TEST STARTED	8:42 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	2.1645 IN
END TIME	8:57 AM
END DATE	01/23/2012
END LEVEL	2.1638 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
VULCAN MATERIALS CO.
2400 HIGHLAND AVE.
SAN BERNARDINO CA 92407

01/23/2012 10:09 AM

SUMP LEAK TEST REPORT

RDDSLFS

TEST STARTED	9:54 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	3.3220 IN
END TIME	10:09 AM
END DATE	01/23/2012
END LEVEL	3.3223 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

UDC 3

TEST STARTED	9:54 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	5.3877 IN
END TIME	10:09 AM
END DATE	01/23/2012
END LEVEL	5.3879 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
VULCAN MATERIALS CO.
2400 HIGHLAND AVE.
SAN BERNARDINO CA 92407

01/23/2012 1:29 PM

SUMP LEAK TEST REPORT

CDSLPS

TEST STARTED	1:14 PM
TEST STARTED	01/23/2012
BEGIN LEVEL	4.4049 IN
END TIME	1:29 PM
END DATE	01/23/2012
END LEVEL	4.4053 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
VULCAN MATERIALS CO.
2400 HIGHLAND AVE.
SAN BERNARDINO CA 92407

01/23/2012 10:36 AM

SUMP LEAK TEST REPORT

RDDSLFS

TEST STARTED	10:20 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	0.4415 IN
END TIME	10:36 AM
END DATE	01/23/2012
END LEVEL	0.4404 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

UDC 3

TEST STARTED	10:20 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	5.3895 IN
END TIME	10:36 AM
END DATE	01/23/2012
END LEVEL	5.3902 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
VULCAN MATERIALS CO.
2400 HIGHLAND AVE.
SAN BERNARDINO CA 92407

01/23/2012 9:53 AM

SUMP LEAK TEST REPORT

RDDSLFS

TEST STARTED	9:38 AM
TEST STARTED	01/23/2012
BEGIN LEVEL	3.3220 IN
END TIME	9:53 AM
END DATE	01/23/2012
END LEVEL	3.3220 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
VULCAN MATERIALS CO.
2400 HIGHLAND AVE.
SAN BERNARDINO CA 92407

01/23/2012 1:45 PM

SUMP LEAK TEST REPORT

CDSLPS

TEST STARTED	1:30 PM
TEST STARTED	01/23/2012
BEGIN LEVEL	4.4053 IN
END TIME	1:45 PM
END DATE	01/23/2012
END LEVEL	4.4054 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

CUPA

San Bernardino County Fire Department • Hazardous Materials Division
620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: VULCAN MATERIALS - WEST DIVISION #2 Date: 7/8/11

Street Address: 2400 W. HIGHLAND AVE. Facility No. 16776

City: SAN BERNARDINO Zip Code: 92407 Program Record No. 2529

Facility Contact: Tad Barnett Facility Phone No. (909) 875-1150 Number of Tanks: 4

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
302. UST permit fees paid and current EXP. 10/31/11	CHSC 25287(a)		X	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)		X	
308. Failure to report change of ownership within 30 days	CHSC 25284(c)			X
306. Owner/Operator agreement available	CHSC 25284(a)(3)			X
307. Certificate of Financial Responsibility submitted OBTAINED ONSITE	CHSC 25292.2(a)	X	C	
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)		X	
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)		X	
312. Designated Operator Statement submitted	CCR 2715(a)		X	
313. Monthly inspections completed by Designated Operator	CCR 2715(c)		X	
305. Prior UST violations corrected within 30 days	CCR 2712(f)			X
310. Business Plan established and implemented	CHSC 25503.5		X	
311. Business Plan submitted/updated 3/10/11	CHSC 25505		X	
MONITORING OF UST SYSTEMS				
309. Failure to properly monitor UST	CHSC 25293		X	
331. Monitoring system(s) certified annually	CCR 2638 or 2641(j)		X	
334. Audible/visual alarms operational	CCR 2632(c)(2)(B) and 2636(f)(1)		X	
314. Certification sticker/tag affixed to monitoring equipment	CCR 2638(f)		X	
318. Sensors placed at low point of UST system(s)	CCR 2630(d) or 2641(a)		X	
319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)			X
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)	X	C	
324. Line leak detector(s) installed and functioning properly	CCR 2636(f)(2) or 2641(f)		X	
333. Overspill containment installed/tested annually	CHSC 25284.2		X	
327. Overfill protection device installed/operational FLAPPERS	CCR 2635(b)(2)		X	
328. Secondary containment components tested *6/8/09	CCR 2637(a)		X	
329. UST system design, construction, and monitoring	CCR 2630 or 2640		X	
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)		X	
341. Failure to report unauthorized release	CHSC 25299(d)(1)			X
342. Unlawful abandonment of USTs	CHSC 25298(a)			X
343. Unlawful closure of USTs	CHSC 25298(c)			X
344. Failure to properly temporarily close USTs	CHSC 25298(b)			X
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)			X
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3			X
UNIFORM FIRE CODE REQUIREMENTS				
335. Emergency fuel shut-off device operational	UFC 5201.5.3		X	
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2		X	
337. Fire extinguisher(s) present and charged	UFC 5201.9		X	
338. Address clearly visible from street	UFC 901.4.4			X
OTHER REQUIREMENTS				
Significant Operational Compliance – Prevention	40 CFR Part 280			
Significant Operational Compliance – Detection	40 CFR Part 280			
Significant Operational Compliance – Both	40 CFR Part 280			
*SECONDARY CONTAINMENT TESTING DUE ON/BEFORE 6/8/12				

NARRATIVE / CORRECTIONS

ANNUAL MONITORING SYSTEM CERTIFICATION
- CONTRACTOR: PACIFIC SYSTEMS ELECTRIC
- TECHNICIAN: BILL MADSEN
  ICC: #5263306-UT (EXP. 7/5/13)
  → CERTS: V.R: #B34130 (EXP. 10/31/12)
- MONITORING PANEL: VEEDER ROOT TLS350
- TANK SYSTEM: 4 TANKS/3 DISPENSERS
- JOOR TANKS/SMITH PIPING
- TANK 1: 12,000-GAL (CLEAR DIESEL)
- TANK 2: 20,000-GAL (RED DYED DIESEL)
- TANK 3: 4,500-GAL (WASTE OIL TANK)
- TANK 4: 3,500-GAL (NEW OIL - UNUSED)

NOTE: TANKS 1, 3 AND 4 ARE PART OF A THREE WAY SPLIT TANK - 1 ANNULAR

NOTE: THE TWO DIESEL TANKS ARE FITTED WITH ATG PROBES AND THE PROBES ARE SET TO ALARM AT 90%. DUE TO THE DIFFICULTY OF ACCESS, THE PROBES WERE NOT TESTED. THE ANNUNCIATOR IS FUNCTIONAL

- ALL SENSORS PROVIDED ALARM; THE DIESEL SUMP SENSORS ALSO PROVIDED STP SHUTDOWN
- ESO/FAILSAFE: SHUTDOWN; SENSOR OUT: ALARM/SHUTDOWN
- MLLD: OK; SPILL BUCKETS: OK; (323) FLUID IN SUMPS REMOVED DURING INSPECTION

☐ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN ___ DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector: [signature] Received by: Tad Barnett Title: Assistant Manager

CERTIFICATION OF FINANCIAL RESPONSIBILITY
§ 280.111(b)(11)(i)

Certification of Financial Responsibility

Vulcan Materials Company hereby certifies that it is in compliance with the requirements of Subpart H
[Owner or operator]

of 40 CFR Part 280. The financial assurance mechanism(s) used to demonstrate financial responsibility under Subpart H of 40 CFR Part 280 is (are) as follows:

[For each mechanism, list the type of mechanism, name of issuer, mechanism number (if applicable), amount of coverage, effective period of coverage and whether the mechanism covers "taking corrective action" and/or "compensating third parties for bodily injury and property damage caused by either "sudden accidental releases" or "nonsudden accidental releases" or "nonsudden accidental releases" or "accidental releases."]

Type of Mechanism	Name of Issuer	Mechanism Number	Amount of Coverage	Effective Period of Coverage	Coverage
Certificate of Insurance	Old Republic Insurance	MWZZ 50519	$2,000,000	1/1/11-1/1/12	Corrective Action, Comp. third parties

Randal C Hall
[Signature of owner or operator]
Randal C. Hall
[Name of owner or operator]
VP-SHE, and Engineering Services, Vulcan Materials Company
[Title]
December 17, 2010
[Date]

Vanessa L Duke
[Signature of witness or notary]
Vanessa L. Duke
[Name of witness or notary]
December 17, 2010
[Date]

CERTIFICATE OF INSURANCE (FEDERAL)

Name: See attached Exhibit A
[name of each covered location]

Address: See attached Exhibit A
[address of each covered location]

Policy Number: MWZZ 50519

Endorsement (if applicable):

Period of Coverage: [current policy period] 1-1-11 to 1-1-12

Name of Insurer: Old Republic Insurance Company

Address of Insurer: 445 South Moorland Road
Brookfield, WI 53005

Name of Insured: Vulcan Materials Company

Address of Insured: 1200 Urban Center Drive
Birmingham, AL 35242

Certification:

1. Old Republic Insurance Company, the Insurer, as identified above, hereby certifies that it has issued liability insurance covering the following underground storage tank(s):

   See attached Exhibit A

   for taking corrective action and compensating third parties for bodily injury and property damage caused by accidental releases; in accordance with and subject to the limits of liability, exclusions, conditions and other terms of the policy; arising from operating the underground storage tank(s) identified above.

   The limits of liability are $ 2,000,000 each occurrence
   $ 2,000,000 annual aggregate,

   exclusive of legal defense costs, which are subject to a separate limit under the policy.

   This coverage is provided under [policy number] MWZZ 50519 .

   The effective date of said policy is [date] 1-1-11 to 1-1-12 .

2. The Insurer further certifies the following with respect to the insurance described in Paragraph 1:

a. Bankruptcy or insolvency of the insured shall not relieve the Insurer of its obligations under the policy to which this certificate applies.

b. The Insurer is liable for the payment of amounts within any deductible applicable to the policy to the provider of corrective action or a damaged thirdparty, with a right of reimbursement by the insured for any such payment made by the Insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated under another mechanism or combination of mechanisms as specified in 40 CFR 280.95-280.102.

c. Whenever requested by a Director of an implementing agency, the Insurer agrees to furnish to the Director a signed duplicate original of the policy and all endorsements.

d. Cancellation or any other termination of the insurance by the Insurer, except for nonpayment of premium or misrepresentation by the insured, will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by the insured. Cancellation for nonpayment of premium or misrepresentation by the insured will be effective only upon written notice and only after expiration of a minimum of 10 days after a copy of such written notice is received by the insured.

e. The insurance covers claims otherwise covered by the policy that are reported to the Insurer within six months of the effective date of cancellation or nonrenewal of the policy except where the new or renewed policy has the same retroactive date or a retroactive date earlier than that of the prior policy, and which arise out of any covered occurrence that commenced after the policy retroactive date, if applicable, and prior to such policy renewal or termination date. Claims reported during such extended reporting period are subject to the terms, conditions, limits, including limits of liability, and exclusions of the policy.

I hereby certify that the wording of this instrument is identical to the wording in 40 CFR 280.97(b)(2) and that the Insurer is licensed to transact the business of insurance in one or more states.

Jodi Hartmann

[Signature of authorized representative of Insurer]

Jodi Hartmann

[Type name]

Senior Account Manager

[Title] , Authorized Representative of Old Republic Insurance Company

445 S. Moorland Rd., Ste. 300, Brookfield, WI 53005

[Address of Representative]

Exhibit A - Vulcan Materials Company

Facilities with Underground Petroleum Tanks

In accordance with 40CFR Part 280.95

Number	Division	Facility Name	Street Address	City	State	Zip Code	Number of Tanks
026	Western	Carroll Canyon	10050 Black Mountain Road	San Diego	CA	92126	1
110	Western	San Bernardino HMA	2340 W. Highland	San Bernardino	CA	92405	1
010	Western	San Bernardino Aggregate	2400 W. Highland	San Bernardino	CA	92405	3
221	Western	Palomar Transit Mix - Escondido	849 W. Washington Ave	Escondido	CA	92025	1
122	Western	Mission Valley HMA	8080 Friars Road	San Diego	CA	92163	1
148	Western	Los Angeles HMA	2715 E. Washington Street	Los Angeles	CA	90023	1
009	Western	Upland	1975.N. Benson Street	Upland	CA	91786	1
009-R	Western	Robertson Ready Mix	1975 N. Benson Street	Upland	CA	91786	1
002	Western	Sun Valley	11401 W. Tuxford Street	Sun Valley	CA	91352	5
004	Western	Little Rock - Palmdale	6851 East Ave.	Little Rock	CA	93543	4

FA0001670

RECEIVED
MAR 07 2011
S.B. CO. FIRE DEPT.

Designation of Underground Storage Tank (UST) Operator

UST Owner Statement of Understanding and Compliance with UST Requirements

Facility Name: Vulcan Materials Company	Facility Permit #:
Facility Address: 2400 West Highland Ave.	Phone:
City: San Bernardino	Zip Code: 92407

Reason for Submitting this Form *(Check One)* Initial Certification __ Change of Designated Operator __ Certificate Renewal X

Designated Operator(s) for this Facility

PRIMARY DESIGNATED UST OPERATOR	
Designated Operator's Name: Dennis Minnock	Relation to UST Facility (Check One)
Business Name *(If different than above):* Pacific Systems Electric	[ ] Owner [ ] Operator [ ] Employee
Designated Operator's Phone#: (714) 713-9529	[ ] Service Technician [X] Third Party
International Code Council Certificate #: **5248118-UC**	Expiration Date: 12/16/2012
Alternate 1 (Optional)	
Designated Operator's Name: John Minnock	Relation to UST Facility (Check One)
Business Name *(If different than above):* Pacific Systems Electric	[ ] Owner [ ] Operator [ ] Employee
Designated Operator's Phone#: (714) 240-3674	[ ] Service Technician [X] Third Party
International Code Council Certificate #: **8021978-UC**	Expiration Date: 12/16/2012
Alternate 2 (Optional)	
Designated Operator's Name:	Relation to UST Facility (Check One)
Business Name *(If different than above):*	[ ] Owner [ ] Operator [ ] Employee
Designated Operator's Phone#:	[ ] Service Technician [ ] Third Party
International Code Council Certificate #:	Expiration Date:

NOTIFY THE LOCAL REGULATORY AGENCY WITHIN 30 DAYS OF ANY CHANGES TO THIS INFORMATION

I certify that for the facility indicated at the top of this page, the individual(s) listed above will serve as Designated UST Operator(s). The individual(s) will conduct and document monthly facility inspections and annual facility employee training in accorandace with California Code of Regulations, Title 23, Sections 27815(c) - (f). **Futhermore, I understand and am in compliance with the requirements (statues, regulations, and local ordinances) applicable to underground storage tanks.**

~~Dennis Minnock~~ John Janke DATE: 1-7-11

NAME OF TANK OWNER OR OWNER'S AGENT (Please Print)

OWNER'S PHONE #: 323-312-9960

SIGNATURE OF TANK OWNER OR OWNER'S AGENT

ENTERED 3/14/11

VMC S B.xls1/5/2011

MONITORING SYSTEM CERTIFICATION

FA # 1676

For Use: All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

RECEIVED
JUL 19 2010
S.B. CO. FIRE DEPT.

A. General Information

Facility Name:	Vulcan Materials Company		Bldg. No:		
Site Address:	2400 West Highland Ave.	City:	San Bernardino	Zip:	92407
Facility Contact Person:	Matt Branstetter	Contact Phone No.:	909.875.1150		
Make/Model of Monitoring System:	Veeder Root TLS 350	Date of Testing/Servicing:	7/9/2010		

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced

Tank ID: 20,000 gallon - DSL			**Tank ID:** 12,000 gallon DSL		
☑ In-Tank Gauging Probe.	Model:	847390-109	☑ In-Tank Gauging Probe	Model:	847390-109
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☑ Piping Sump / Trench Sensor(s).	Model:	794380-208	☑ Piping Sump / Trench Sensor(s)	Model:	794380-208
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000	☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP	☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Tank ID: Waste Oil			**Tank ID:** Bulk Oil		
☐ In-Tank Gauging Probe.	Model:		☐ In-Tank Gauging Probe	Model:	
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☐ Piping Sump / Trench Sensor(s).	Model:		☐ Piping Sump / Trench Sensor(s)	Model:	
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☐ Mechanical Line Leak Detector	Model:		☐ Mechanical Line Leak Detector	Model:	
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	794390-208	☐ Tank Overfill / High-Level Sensor	Model:	
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Dispenser ID: 1			**Dispenser ID:** 2		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☑ Dispenser Containment Sensor(s).	Model:	794380-208
☑ Shear Valve(s).			☑ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID: 3			**Dispenser ID:**		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☐ Dispenser Containment Sensor(s).	Model:	
☑ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID:			**Dispenser ID:**		
☐ Dispenser Containment Sensor(s).	Model:		☐ Dispenser Containment Sensor(s).	Model:	
☐ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply)*: ☑ **System Setup** ☑ **Alarm History Report**

Technician Name(print):	William Madsen	Signature:	William Madsen
Certification No:	B34130	License. No:	5263306-UT
Testing Company Name:	Pacific Systems Electric, Inc.	Phone No:	951-926-3200
Site Address:	32670 Dowling Ct, Winchester, CA 92596		

ENTERED

D. Results of Testing/Servicing

Software Version Installed: 17.02

Complete the following checklist:

☑ Yes	☐ No*	Is the audible alarm operational?
☑ Yes	☐ No*	Is the visual alarm operational?
☑ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No*	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
	☑ N/A	
☑ Yes	☐ No*	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: -which sensors initiate positive shut-down? *(Check all that apply)* ☑ Sump/Trench Sensors; ☑ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☑ Yes ☐ No
	☐ N/A	
☐ Yes	☐ No*	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger?
	☑ N/A	
☐ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product ☐ Water If yes, describe causes in Section E, below.
☑ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: The 12,000 gallon diesel, bulk oil and waste oil tank is a three compartment split tank sharing a common annular sensor.

F. In-Tank Gauging / SIR Equipment:

☑ Check this box if tank gauging is used only for inventory control

☐

☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☐ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☐ Yes	☐ No*	Was accuracy of system product level readings tested?
☐ Yes	☐ No*	Was accuracy of system water level readings tested?
☐ Yes	☐ No*	Were all probes reinstalled properly?
☐ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed

Complete the following checklist:

☑ Yes	☐ No*	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance?
	☐ N/A	*(Check all that apply)* Simulated leak rate: ☑ 3 g.p.h.; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☑ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☑ Yes	☐ No*	Was the testing apparatus properly calibrated?
☑ Yes	☐ No*	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
	☐ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
	☑ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled
	☑ N/A	or disconnected?
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system
	☑ N/A	malfunctions or fails a test?
☐ Yes	☐ No*	For electronic LLDs, have all accessible wiring connections been visually inspected?
	☑ N/A	
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials Company	Date of Testing:	7/09/2010
Facility Address:	2400 W Highland Ave, San Bernardino, CA 92407		
Facility Contact:	Matt Branstetter	Phone:	909.875.1150
Date Local Agency Was Notified of Testing : June 11, 2009			
Name of Local Agency Inspector *(if present during testing)*: Teresa			

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric, Inc.
Technician Conducting Test:	William Madsen
Credentials[1]:	☑ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s):	561275 Gen A, 5263306-UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	☑ Hydrostatic	☐ Vacuum	☐ Other	
Test Equipment Used: Visual observation per standard for contained spill buckets.			Equipment Resolution:	
Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**1** **20,000 DSL Fill**	**2** **12,000 DSL Fill**	**3** **Waste Oil Fill**	**4**
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	12"	12"	19"	
Wait time between applying vacuum/water and start of test:	30 min	30 min	30 min	
Test Start Time (T_I):	8:30	8:30	8:30	
Initial Reading (R_I):	8"	5"	8.75"	
Test End Time (T_F):	9:30	9:30	9:30	
Final Reading (R_F):	8"	5"	8.75"	
Test Duration ($T_F - T_I$):	1 hour	1 hour	1 hour	
Change in Reading ($R_F - R_I$):	0"	0"	0"	
Pass/Fail Threshold or Criteria:	No Loss	No Loss	No Loss	
Test Result:	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Bulk oil spill bucket removed and riser caped. Bulk Oil tank is part of 3-compartment split tank not being used.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: William Madsen Date: July 9, 2010

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials Date: 7/9/10

Street Address: 2400 W. Highland Facility No. 1676

City: San Bernardino Zip Code: 92407 Program Record No. 2529

Facility Contact: Scott Bevan Facility Phone No. 909-841-5659 Number of Tanks: 4

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N).

GENERAL REQUIREMENTS		V	C	N
302. UST permit fees paid and current 7/31/10	CHSC 25287(a)		X	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)		X	
308. Failure to report change of ownership within 30 days	CHSC 25284(c)			X
306. Owner/Operator agreement available	CHSC 25284(a)(3)			X
307. Certificate of Financial Responsibility submitted exp 1/11/11	CHSC 25292.2(a)		X	
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)		X	
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)		X	
312. Designated Operator Statement submitted	CCR 2715(a)		X	
313. Monthly inspections completed by Designated Operator	CCR 2715(c)		X	
305. Prior UST violations corrected within 30 days	CCR 2712(f)		X	
310. Business Plan established and implemented	CHSC 25503.5		X	
311. Business Plan submitted/updated 2/19/10	CHSC 25505		X	
MONITORING OF UST SYSTEMS				
309. Failure to properly monitor UST	CHSC 25293		X	
331. Monitoring system(s) certified annually 7/9/10	CCR 2638 or 2641(j)		X	
334. Audible/visual alarms operational	CCR 2632(c)(2)(B) and 2636(f)(1)		X	
314. Certification sticker/tag affixed to monitoring equipment	CCR 2638(f)		X	
318. Sensors placed at low point of UST system(s)	CCR 2630(d) or 2641(a)		X	
319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)			X
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)		X	
324. Line leak detector(s) installed and functioning properly	CCR 2636(f)(2) or 2641(f)		X	
333. Overspill containment installed/tested annually	CHSC 25284.2		X	
327. Overfill protection device installed/operational Flapper	CCR 2635(b)(2)		X	
328. Secondary containment components tested 6/18/09	CCR 2637(a)		X	
329. UST system design, construction, and monitoring	CCR 2630 or 2640		X	
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)		X	
341. Failure to report unauthorized release	CHSC 25299(d)(1)			
342. Unlawful abandonment of USTs	CHSC 25298(a)			
343. Unlawful closure of USTs	CHSC 25298(c)			
344. Failure to properly temporarily close USTs	CHSC 25298(b)			
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)			
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3			
UNIFORM FIRE CODE REQUIREMENTS				
335. Emergency fuel shut-off device operational	UFC 5201.5.3		X	
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2		X	
337. Fire extinguisher(s) present and charged	UFC 5201.9		X	
338. Address clearly visible from street (2nd entrance)	UFC 901.4.4		X	
OTHER REQUIREMENTS				
Significant Operational Compliance – Prevention	40 CFR Part 280			
Significant Operational Compliance – Detection	40 CFR Part 280			
Significant Operational Compliance – Both	40 CFR Part 280			

NARRATIVE / CORRECTIONS

Annual UST Monitoring Certification

Pacific Systems Electrical Inc - Contractor

William Madsen - Certified UST Tester

John Janke of Vulcan Materials also present.

Monica Ronchetti, Second Inspector.

System Consists of [1 Diesel pressurized UST & Triple Compartment] - [Clear Diesel - Pressure; Empty New Oil; Waste Oil - Suction]

& 3 Dispensers

- Monitor is TLS(VR) 350 -OK

- ESO/ Fail Safe / Sensor Out - OK

- Tank Sensors & UDC Sensors all alarm at Monitor Audible & Visual.

For Diesel & Clear Diesel (pressurized systems) also shut down turns

- Overspill held water 60 minutes -OK

- Line Leak Detectors provide slow flow when tested -OK

No violations -

Submit update certification date for designated operator within 30 days.

☐ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN ___ DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector: Thomas Taylor Received by: John Janke Title: Environmental Specialist

Thomas Taylor

Pacific Systems Electric, Inc.

Servicing the Petroleum Industry Since 1989

CA License #561275

Fuel System Services & Construction

William Madsen **Field Technician**

32670 Dowling Court
Winchester, California 92596
w.madsen@sbcglobal.net

MEMBER PEI PETROLEUM EQUIPMENT INSTITUTE

(951)757-0891 Cell
(951)926-3200 Office FAX (951)926-9260

Vulcan
Materials Company

Western Division

JOHN R. JANKE
Environmental Specialist II

3200 SAN FERNANDO ROAD • LOS ANGELES, CA 90065
OFFICE 323-474-3227 • FAX 323-258-3289
7220 TRADE STREET, SUITE 200 • SAN DIEGO, CA 92121
OFFICE 858-530-9425 • FAX 858-530-9493 • CELL 323-312-9960

CERTIFICATION OF FINANCIAL RESPONSIBILITY
§ 280.111(b)(11)(i)

Certification of Financial Responsibility

Vulcan Materials Company hereby certifies that it is in compliance with the requirements of Subpart H
[Owner or operator]

of 40 CFR Part 280. The financial assurance mechanism(s) used to demonstrate financial responsibility under Subpart H of 40 CFR Part 280 is (are) as follows:

[For each mechanism, list the type of mechanism, name of issuer, mechanism number (if applicable), amount of coverage, effective period of coverage and whether the mechanism covers "taking corrective action" and/or "compensating third parties for bodily injury and property damage caused by either "sudden accidental releases" or "nonsudden accidental releases" or "nonsudden accidental releases" or "accidental releases."]

Type of Mechanism	Name of Issuer	Mechanism Number	Amount of Coverage	Effective Period of Coverage	Coverage
Certificate of Insurance	Old Republic Insurance	MWZZ 50515	$2,000,000	1/1/10-1/1/11	Corrective Action, Comp. third parties

Randal C. Hall
[Signature of owner or operator]
Randal C. Hall
[Name of owner or operator]
VP-SHE, and Engineering Services, Vulcan Materials Company
[Title]
December 21, 2009
[Date]

Trudy C. Woods
[Signature of witness or notary]
Trudy C. Woods
[Name of witness or notary]
12-21-2009
[Date]

CERTIFICATE OF INSURANCE (FEDERAL)

Name: Vulcan Materials Company
[name of each covered location]

Address: See attached Exhibit A
[address of each covered location]

Policy Number: MWZZ 50515

Endorsement (if applicable):

Period of Coverage: [current policy period] 1-1-10 to 1-1-11

Name of Insurer: Old Republic Insurance Company

Address of Insurer: 445 South Moorland Road
Brookfield, WI 53005

Name of Insured: Vulcan Materials Company

Address of Insured: 1200 Urban Center Drive
Birmingham, AL 35242

Certification:

1. Old Republic Insurance Company, the Insurer, as identified above, hereby certifies that it has issued liability insurance covering the following underground storage tank(s):

   See attached Exhibit A

   for taking corrective action and compensating third parties for bodily injury and property damage caused by accidental releases; in accordance with and subject to the limits of liability, exclusions, conditions and other terms of the policy; arising from operating the underground storage tank(s) identified above.

   The limits of liability are $ 2,000,000 each occurrence
   $ 2,000,000 annual aggregate,

   exclusive of legal defense costs, which are subject to a separate limit under the policy.

   This coverage is provided under [policy number] MWZZ 50515 .

   The effective date of said policy is [date] 1-1-10 to 1-1-11 .

2. The Insurer further certifies the following with respect to the insurance described in Paragraph 1:

a. Bankruptcy or insolvency of the insured shall not relieve the Insurer of its obligations under the policy to which this certificate applies.

b. The Insurer is liable for the payment of amounts within any deductible applicable to the policy to the provider of corrective action or a damaged thirdparty, with a right of reimbursement by the insured for any such payment made by the Insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated under another mechanism or combination of mechanisms as specified in 40 CFR 280.95-280.102.

c. Whenever requested by a Director of an implementing agency, the Insurer agrees to furnish to the Director a signed duplicate original of the policy and all endorsements.

d. Cancellation or any other termination of the insurance by the Insurer, except for nonpayment of premium or misrepresentation by the insured, will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by the insured. Cancellation for nonpayment of premium or misrepresentation by the insured will be effective only upon written notice and only after expiration of a minimum of 10 days after a copy of such written notice is received by the insured.

e. The insurance covers claims otherwise covered by the policy that are reported to the Insurer within six months of the effective date of cancellation or nonrenewal of the policy except where the new or renewed policy has the same retroactive date or a retroactive date earlier than that of the prior policy, and which arise out of any covered occurrence that commenced after the policy retroactive date, if applicable, and prior to such policy renewal or termination date. Claims reported during such extended reporting period are subject to the terms, conditions, limits, including limits of liability, and exclusions of the policy.

I hereby certify that the wording of this instrument is identical to the wording in 40 CFR 280.97(b)(2) and that the Insurer is licensed to transact the business of insurance in one or more states.

Jodi Hartmann

[Signature of authorized representative of Insurer]

Jodi Hartmann

[Type name]

Senior Account Manager

[Title] , Authorized Representative of Old Republic Insurance Company

445 S. Moorland Rd., Ste. 300, Brookfield, WI 53005

[Address of Representative]

Exhibit A - Vulcan Materials Company

Facilities with Underground Petroleum Tanks

In accordance with 40CFR Part 280.95

Location Number	Division	Facility Name	Street Address	City	State	Zip Code	Number of Tanks
026	Western	Carroll Canyon	10050 Black Mountain Road	San Diego	CA	92126	1
110	Western	San Bernardino HMA	2340 W. Highland	San Bernardino	CA	92405	1
010	Western	San Bernardino Aggregate	2400 W. Highland	San Bernardino	CA	92405	3
221	Western	Palomar Transit Mix - Escondido	849 W. Washington Ave	Escondido	CA	92025	1
122	Western	Mission Valley HMA	8080 Friars Road	San Diego	CA	92163	1
148	Western	Los Angeles HMA	2715 E. Washington Street	Los Angeles	CA	90023	1
009	Western	Upland	1975 N. Benson Street	Upland	CA	91786	1
009-R	Western	Robertson Ready Mix	1975 N. Benson Street	Upland	CA	91786	1
002	Western	Sun Valley	11401 W. Tuxford Street	Sun Valley	CA	91352	5
004	Western	Little Rock - Palmdale	6851 East Ave.	Little Rock	CA	93543	4

CUPA

San Bernardino County Fire Department • Hazardous Materials Division

620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

Page ____ of ____

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials Date: 7/9/09

Street Address: 2400 W Highland Facility No. 1676

City: San Bernardino Zip Code: 92407 Program Record No. 2529

Facility Contact: DENNIS MINNOCK Facility Phone No. _____ Number of Tanks: 4

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N). 2527

GENERAL REQUIREMENTS		V	C	N
302. UST permit fees paid and current 7/31/09	CHSC 25287(a)		✓	
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)		✓	
308. Failure to report change of ownership within 30 days	CHSC 25284(c)			✓
306. Owner/Operator agreement available	CHSC 25284(a)(3)			✓
307. Certificate of Financial Responsibility submitted	CHSC 25292.2(a)		✓	
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)		✓	
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)		✓	
312. Designated Operator Statement submitted	CCR 2715(a)		✓	
313. Monthly inspections completed by Designated Operator	CCR 2715(c)		✓	
305. Prior UST violations corrected within 30 days	CCR 2712(f)			✓
310. Business Plan established and implemented	CHSC 25503.5		✓	
311. Business Plan submitted/updated 2/20/08	CHSC 25505	✓		
MONITORING OF UST SYSTEMS				
309. Failure to properly monitor UST	CHSC 25293		✓	
331. Monitoring system(s) certified annually	CCR 2638 or 2641(j)		✓	
334. Audible/visual alarms operational	CCR 2632(c)(2)(B) and 2636(f)(1)		✓	
314. Certification sticker/tag affixed to monitoring equipment	CCR 2638(f)		✓	
318. Sensors placed at low point of UST system(s)	CCR 2630(d) or 2641(a)		✓	
319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)			✓
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)		✓	
324. Line leak detector(s) installed and functioning properly	CCR 2636(f)(2) or 2641(f)	✓		
333. Overspill containment installed/tested annually	CHSC 25284.2		✓	
327. Overfill protection device installed/operational	CCR 2635(b)(2)		✓	
328. Secondary containment components tested 1/23/09	CCR 2637(a)		✓	
329. UST system design, construction, and monitoring	CCR 2630 or 2640			✓
UNAUTHORIZED RELEASE AND ABANDONMENT				
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)			
341. Failure to report unauthorized release	CHSC 25299(d)(1)			
342. Unlawful abandonment of USTs	CHSC 25298(a)			
343. Unlawful closure of USTs	CHSC 25298(c)			
344. Failure to properly temporarily close USTs	CHSC 25298(b)			
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)			
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3			
UNIFORM FIRE CODE REQUIREMENTS				
335. Emergency fuel shut-off device operational	UFC 5201.5.3		✓	
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2		✓	
337. Fire extinguisher(s) present and charged	UFC 5201.9		✓	
338. Address clearly visible from street	UFC 901.4.4		✓	
OTHER REQUIREMENTS				
Significant Operational Compliance – Prevention	40 CFR Part 280			
Significant Operational Compliance – Detection	40 CFR Part 280			
Significant Operational Compliance – Both	40 CFR Part 280			

NARRATIVE / CORRECTIONS

Annual Monitor Certification

Pacific Gyl

All sensors shutdown turbine and alarm at monitoring unit + external (except new + waste oil fills - alarm only at monitoring unit + external

Failsafe/Sensor out - OK

ESO - OK

Overfill alarms - OK

MLLD Red Dye (20K) - OK

(*) Clear ~~Diesel~~ (12K) - not testable turbine pressure will not be maintained

(324) Repair/replace leak detector on clear diesel within 30 days

(311) Complete + submit an updated Business Plan within 15 days and annually by March 1st

☒ **NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

Inspector: Greg Beach Received by: Dennis Minnock Title: D.F.O.

Revised 03/08/2005

15-19275-670 Rev. 4/05

MONITORING SYSTEM CERTIFICATION FA 10760

For Use in All Jurisdictions Within the State of California

Authority Cited: - Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

RECEIVED
JUL 23 2009

A. General Information

Facility Name:	Vulcan Materials Company			Bldg. No:	S.B. CO. FIRE DEPT
Site Address:	2400 West Highland Ave.	City:	San Bernardino	Zip:	92407
Facility Contact Person:	Matt Branstetter	Contact Phone No.:	909.875.1150		
Make/Model of Monitoring System:	Veeder Root TLS 350	Date of Testing/Servicing:	7/9/2009		

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced

Tank ID: 20,000 gallon - DSL			**Tank ID:** 10,000 gallon DSL		
☑ In-Tank Gauging Probe.	Model:	847390-107	☑ In-Tank Gauging Probe	Model:	847390-107
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☑ Piping Sump / Trench Sensor(s).	Model:	794380-208	☑ Piping Sump / Trench Sensor(s)	Model:	794380-208
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000	☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP	☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Tank ID: Waste Oil			**Tank ID:** Bulk Oil		
☐ In-Tank Gauging Probe.	Model:		☐ In-Tank Gauging Probe	Model:	
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☐ Piping Sump / Trench Sensor(s).	Model:		☐ Piping Sump / Trench Sensor(s)	Model:	
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☐ Mechanical Line Leak Detector	Model:		☐ Mechanical Line Leak Detector	Model:	
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	794390-420	☐ Tank Overfill / High-Level Sensor	Model:	
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Dispenser ID: 1			**Dispenser ID:** 2		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☑ Dispenser Containment Sensor(s).	Model:	794380-208
☑ Shear Valve(s).			☑ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID: 3			**Dispenser ID:**		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☐ Dispenser Containment Sensor(s).	Model:	
☑ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID:			**Dispenser ID:**		
☐ Dispenser Containment Sensor(s).	Model:		☐ Dispenser Containment Sensor(s).	Model:	
☐ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply):* ☑ **System Setup** ☑ **Alarm History Report**

Technician Name(print):	Arthur Johnson	Signature:	
Certification No:	A25791	License. No:	5240930-UT
Testing Company Name:	Pacific Systems Electric, Inc.	Phone No:	951-926-3200
Site Address:	32670 Dowling Ct, Winchester, CA 92596		

Monitoring System Certification

LLD

D. Results of Testing/Servicing

Software Version Installed: 17.02

Complete the following checklist:

☑ Yes	☐ No*	Is the audible alarm operational?
☑ Yes	☐ No*	Is the visual alarm operational?
☑ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No*	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem)
	☑ N/A	operational?
☑ Yes	☐ No*	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment
	☐ N/A	monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: -which sensors initiate
		positive shut-down? *(Check all that apply)* ☑ Sump/Trench Sensors; ☑ Dispenser Containment Sensors.
		Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☑ Yes ☐ No
☐ Yes	☐ No*	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no
	☑ N/A	mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank
		fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger?
☐ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment
		replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)*
		☐ Product ☐ Water If yes, describe causes in Section E, below.
☑ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: The 10,000 gallon diesel, bulk oil and waste oil tank is a three compartment split tank sharing a common annular sensor.

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control

☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☑ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☑ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☑ Yes	☐ No*	Was accuracy of system product level readings tested?
☑ Yes	☐ No*	Was accuracy of system water level readings tested?
☑ Yes	☐ No*	Were all probes reinstalled properly?
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed

Complete the following checklist:

☑ Yes	☐ No*	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance?
	☐ N/A	*(Check all that apply)* Simulated leak rate: ☑ 3 g.p.h.; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☑ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☑ Yes	☐ No*	Was the testing apparatus properly calibrated?
☑ Yes	☐ No*	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
	☐ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
	☑ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled
	☑ N/A	or disconnected?
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system
	☑ N/A	malfunctions or fails a test?
☐ Yes	☐ No*	For electronic LLDs, have all accessible wiring connections been visually inspected?
	☑ N/A	
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments: The 10K STP could not achieve enough pressure to test the mechnical line leak detector. A new turbine pump was installed July 10, 2009. Testing completed on line leak detection July 17, 2009 with passing results. A service order is provided as instructed by Inspector Greg Beach regarding the testing.

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials Company	Date of Testing:	7/09/2009
Facility Address:	2400 W Highland Ave, San Bernardino, CA 92407		
Facility Contact:	Matt Branstetter	Phone:	909.875.1150
Date Local Agency Was Notified of Testing : June 18, 2009			
Name of Local Agency Inspector *(if present during testing)*: Greg Beech			

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric, Inc.
Technician Conducting Test:	Arthur Jones
Credentials[1]:	☑ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s):	561275 Gen A, 52540930-UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	☑ Hydrostatic	☐ Vacuum	☐ Other	
Test Equipment Used: Visual observation per standard for contained spill buckets.			Equipment Resolution:	
Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**1** **20,000 DSL Fill**	**2** **10,000 DSL Fill**	**3** **Waste Oil Fill**	**4**
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	12"	12"	19"	
Wait time between applying vacuum/water and start of test:	30 min	30 min	30 min	
Test Start Time (T_I):	8:30	8:30	8:30	
Initial Reading (R_I):	5"	5"	9"	
Test End Time (T_F):	9:30	9:30	9:30	
Final Reading (R_F):	5"	5"	8"	
Test Duration ($T_F - T_I$):	1 hour	1 hour	1 hour	
Change in Reading ($R_F - R_I$):	0"	0"	0"	
Pass/Fail Threshold or Criteria:	No Loss	No Loss	No Loss	
Test Result:	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Bulk oil spill bucket removed and riser caped. Bulk Oil tank is part of 3-compartment split tank not being used.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: Arthur Johnson Date: July 9, 2009

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

Pacific Systems Electric

32670 Dowling Court
Winchester CA 92596
California State License No. 561275
Servicing the Petroleum Industry Since 1989

Mechanical Leak Detectors Test Results

Facility Name: Vulcan Materials Company	**Inspector: Greg Beech**
Address: 2400 W Highland Ave.	**Number of Lines** 2
San Bernardino, CA 92407	**Type:** Mechanical
	Date: 07-09-2009

Line Number	20,000 DSL	10,000 DSL
Test Method:	R.J. FTA	R.J. FTA
Product:	DSL	DSL
Manufacturer:	VMI	VMI
MLLD Model:	99LD2000	99LD2000
Serial Number:	02061002	02061003
Line Drain Back (ml):	320	Not Testable Too low psi
L/D Trip Time: (sec)	6	Replacement of Submersible
Holding Pressure (psi):	31	Pump required
Metering Pressure (psi):	19	
Leak Rate: (gph)	3.0	
L/D Result:	**Pass**	

Tester: Arthur Johnson
5240930-UT

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JUL 23 2009
S.B. CO. FIRE DEPT.

Pacific Systems Electric, Inc.

California State License No. 561275
Servicing the Petroleum Industry Since 1989

32670 Dowling Ct.
Winchester, CA 92596

Office 951.926.3200 Fax 951.926.9260

SERVICE ORDER

Service Order No.	
Date of Service	7-16-09
Technician	Heath
PO Number	

Bill To		Site ID /Type	Vulcan San Bernardino
Address		Address	
City, Zip Code		City, Zip Code	
Service Requsted	Ordered By	Site Contact	
Phone	Fax	Phone	Fax

System Manufacturer Model Serial Number

Tank #	Product/Size	TLM Probe	Annular Sensor	Fill Sump Sensor	Turb. / Piping Sump Sensor	Disp. Contmt Sensor	Line Pressure	Misc. Sensors	Other

System Certified		System PSD		System Running		Seal Attached		Job Complete	
Yes	No	Yes	No	Yes	No	Yes	No	Yes	No**

Description of Work Performed: Annual Monitoring System Certification Yes No

Today I retested the Clean DSL LLD and it passed also repaired shear valve on disp #1

System operating to maufacturer's specification upon departure? (Yes) No

Labor	Hours	Rate	Materials: Quanity	Description	Est. Item Cost
REGULAR	1½				
OVERTIME					
TRAVEL	4				
MILEAGE					

Customers Signature	Date	Time Arrived	
	7-16-9	3:00	4:30

Jul 20 09 07:49a R.Johnson 6615264831 p.1

PACIFIC SYSTEMS ELECTRIC, INC.
32670 DOWLING CT
WINCHESTER, CA 92596



County of San Bernardino
Hazardous Materials Division, Under Ground Tanks
620 South E Street
San Bernardino CA 92415-0153

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San Bernardino County Fire Department • Hazardous Materials Division
620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials Date: 7/9/09

Street Address: 2400 W Highland Facility No. 1676

City: San Bernardino Zip Code: 92407 Program Record No. 2529

Facility Contact: Dennis Minnock Facility Phone No. _____ Number of Tanks: 4

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N). 2529

GENERAL REQUIREMENTS		V	C	N	NARRATIVE / CORRECTIONS
302. UST permit fees paid and current 7/31/09	CHSC 25287(a)		✓		Annual Monitor Certification
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)		✓		
308. Failure to report change of ownership within 30 days	CHSC 25284(c)			✓	Pacific Gas
306. Owner/Operator agreement available	CHSC 25284(a)(3)			✓	
307. Certificate of Financial Responsibility submitted	CHSC 25292.2(a)		✓		
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)		✓		
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)		✓		
312. Designated Operator Statement submitted	CCR 2715(a)		✓		All sensors shutdown turbine and
313. Monthly inspections completed by Designated Operator	CCR 2715(c)		✓		alarm at monitoring unit + external
305. Prior UST violations corrected within 30 days	CCR 2712(f)			✓	
310. Business Plan established and implemented	CHSC 25503.5		✓		(except new tank oil fill - alarm
311. Business Plan submitted/updated 2/20/08	CHSC 25505	✓			only at monitoring unit + external
MONITORING OF UST SYSTEMS					
309. Failure to properly monitor UST	CHSC 25293		✓		
331. Monitoring system(s) certified annually	CCR 2638 or 2641(j)		✓		
334. Audible/visual alarms operational	CCR 2632(c)(2)(B) and 2636(f)(1)		✓		
314. Certification sticker/tag affixed to monitoring equipment	CCR 2638(f)		✓		
318. Sensors placed at low point of UST system(s)	CCR 2630(d) or 2641(a)		✓		Fuel/Sensor out - OK
319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)			✓	
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)		✓		ESO - OK
324. Line leak detector(s) installed and functioning properly	CCR 2636(f)(2) or 2641(f)	✓			
333. Overspill containment installed/tested annually	CHSC 25284.2		✓		Overfill alarm - OK
327. Overfill protection device installed/operational	CCR 2635(b)(2)		✓		
328. Secondary containment components tested 1/23/09	CCR 2637(a)		✓		MLLD Red Dye (20K) - OK
329. UST system design, construction, and monitoring	CCR 2630 or 2640			✓	
UNAUTHORIZED RELEASE AND ABANDONMENT					(+) Clear Red (20K) - not testable
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)				turbine pressure will not be maintained
341. Failure to report unauthorized release	CHSC 25299(d)(1)				
342. Unlawful abandonment of USTs	CHSC 25298(a)				(324) Repair/replace leak detector
343. Unlawful closure of USTs	CHSC 25298(c)				on clear Diesel within 30 days
344. Failure to properly temporarily close USTs	CHSC 25298(b)				
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)				(311) Complete + submit an
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3				updated Business Plan within 15 days
UNIFORM FIRE CODE REQUIREMENTS					and annually by March 1st
335. Emergency fuel shut-off device operational	UFC 5201.5.3		✓		
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2		✓		
337. Fire extinguisher(s) present and charged	UFC 5201.9		✓		
338. Address clearly visible from street	UFC 901.4.4		✓		
OTHER REQUIREMENTS					
Significant Operational Compliance – Prevention	40 CFR Part 280				
Significant Operational Compliance – Detection	40 CFR Part 280				
Significant Operational Compliance – Both	40 CFR Part 280				

☐ **NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN 30 DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.**

Inspector: _____ Received by: Dennis Minnock Title: D.F.O.

FA # 1676

SECONDARY CONTAINMENT TESTING REPORT FORM

Pacific Systems Electric, Inc.

Winchester California 92596
California State License No. 561275
Servicing the Petroleum Industry Since 1989

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the local implementing agency.

1. FACILITY INFORMATION

Facility Name: Vulcan Materials Company		Date of Testing:	06/08/2009
Facility Address: 2400 Highland Ave.	San Bernardino, CA 92407		**Test Type:**
Facility Contact: Matt Branstetter	Phone: 909.875.1150		☑ Retest
Date Local Agency Was Notified of Testing : May 12, 2009			☐ 6 month
Name of Local Agency Inspector *(if present during testing)*: Yes but not recorded.			☐ 36 month

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric, Inc.		
Technician Conducting Test:	Arthur Johnson		
Credentials:	☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester	
License Type:	A-General Engineering	License Number: 561275	

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
International Code Council	Service Technician	Mar 3, 2011
Franklin Fueling Systems	STS-Sump Tester	Sept 3, 2009
CNI / Phil-Tite	EVR Phase I	Mar 6, 2011
Blueline Technologies, LLC	Sump Fittings	Mar 20, 2010

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
20K Red Diesel Secondary Piping	☑	☐	☐	☐		☐	☐	☐	☐
12K Split Diesel Fill Sump	☑	☐	☐	☐		☐	☐	☐	☐
12K Split Diesel Piping Sump	☑	☐	☐	☐		☐	☐	☐	☐
Waste Oil Piping Fill Sump	☑	☐	☐	☐		☐	☐	☐	☐
New Oil Piping Fill Sump	☑	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐
	☐	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Test water was pumped into (2) -55 Gallon drums, labeled as Hazardous Waste, and left with tank owner for proper disposal.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: Arthur Johnson Date: 06/08/2009

Arthur Johnson

LLD

SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer ☐ Other *(Specify)*	☑ Industry Standard	☐Professional Engineer
Test Method Used:	☑ Pressure ☐ Other *(Specify)*	☐ Vacuum	☐Hydrostatic
Test Equipment Used: 4.5" Glycerin Filled Gauge, Nitrogen Gas		Equipment Resolution: + / - .5%	

	Piping Run # 20K DSL	**Piping Run #**	**Piping Run #**	**Piping Run #**
Piping Material:	Poly			
Piping Manufacturer:	APT			
Piping Diameter:	2"			
Length of Piping Run:	35'			
Product Stored:	Diesel			
Method and location of piping-run isolation:	Test Boot			
Wait time between applying pressure/vacuum/water and starting test:	15 Min			
Test Start Time	8:30AM			
Initial Reading (R_I):	5 Psi			
Test End Time:	9:30AM			
Final Reading (R_F):	5 Psi			
Test Duration:	1.0 hr			
Change in Reading (R_F-R_I):	0 Psi			
Pass/Fail Threshold or Criteria:	Zero Loss			
Test Result:	☑ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: INCON TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	Sump # DSL 12 K Turbine	Sump # W/O	Sump #N/O	Sump #
Sump Diameter:	42"	42"	41"	
Sump Depth:	42"	36"	52"	
Sump Material:	Fiberglass	Fiberglass	Fiberglass	
Height from Tank Top to Top of Highest Piping Penetration:	12"	12"	14"	
Height from Tank Top to Lowest Electrical Penetration:	26"	24"	15"	
Condition of sump prior to testing:	Ok	Ok	Good	
Portion of Sump Tested[1]	16"	16"	18"	
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☐NA	☐Yes ☐No ☐NA
Turbine shutdown response time	Sec	Sec	Sec	Sec
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☐NA	☐Yes ☐No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☐NA	☐Yes ☐No ☐NA
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min	15 Min	
Test Start Time:	10:10AM/10:26AM	10:10AM/10:26AM	9:04AM/9:21AM	
Initial Reading (R_I):	0.8947"/0.8944"	2.3832"/2.3825"	3.3593"/3.3.3592"	
Test End Time:	10:25AM/10:41AM	10:25AM/10:41AM	9:19AM/9:36AM	
Final Reading (R_F):	0.8944/8943"	2.3826"/2.3815"	3.3593"/3.3590"	
Test Duration:	2/15 Minute Tests	2/15 Minute Tests	2/15 Minute Tests	
Change in Reading (R_F-R_I):	0.0003"/0.0001"	0.0006"/0.0010"	0.0000"/0.0002"	
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002	
Test Result:	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☐ **Pass** ☐**Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[1] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

8.FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐				
Fill Riser Containment Sumps are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*			
Test Method Used:	☐ Pressure ☐ Vacuum ☐Hydrostatic ☐ Other *(Specify)*			
Test Equipment Used: Incon TS-STS Sump Testing System			Equipment Resolution: 000.0000"	
	Fill Sump # 12K DSL	**Fill Sump #**	**Fill Sump #**	**Fill Sump #**
Sump Diameter:	42"			
Sump Depth:	51"			
Height from Tank Top to Top of Highest Piping Penetration:	16"			
Height from Tank Top to Lowest Electrical Penetration:	26"			
Condition of sump prior to testing:	Good			
Portion of Sump Tested	20"			
Sump Material:	Fiberglass			
Wait time between applying pressure/vacuum/water and starting test:	15 Min			
Test Start Time:	9:04AM/9:21AM			
Initial Reading (R_I):	4.3937"/4.3930"			
Test End Time:	9:19AM/9:36AM			
Final Reading (R_F):	4.3934"/4.3915"			
Test Duration:	2/15 Minute Tests			
Change in Reading (R_F-R_I):	0.0000"/0.0015"			
Pass/Fail Threshold or Criteria:	No Loss > .002"			
Test Result:	**☑Pass ☐ Fail**	**☐Pass ☐ Fail**	**☐Pass ☐ Fail**	**☐Pass ☐ Fail**
Is there a sensor in the sump?	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No
Does the sensor alarm when either product or water is detected?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No☐NA
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Completed Form Sent To
Local Implementing Agency
By
Pacific Systems Electric, Inc.

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-926-3200
UMC
SANBERNARDINO

06/08/2009 9:19 AM

SUMP LEAK TEST REPORT

NEW OIL

TEST STARTED	9:04 AM
TEST STARTED	06/08/2009
BEGIN LEVEL	3.3593 IN
END TIME	9:19 AM
END DATE	06/08/2009
END LEVEL	3.3593 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

12K FILL

TEST STARTED	9:04 AM
TEST STARTED	06/08/2009
BEGIN LEVEL	4.3937 IN
END TIME	9:19 AM
END DATE	06/08/2009
END LEVEL	4.3934 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-926-3200
UMC
SANBERNARDINO

06/08/2009 10:25 AM

SUMP LEAK TEST REPORT

W OIL

TEST STARTED	10:10 AM
TEST STARTED	06/08/2009
BEGIN LEVEL	2.3832 IN
END TIME	10:25 AM
END DATE	06/08/2009
END LEVEL	2.3826 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

12KTURB

TEST STARTED	10:10 AM
TEST STARTED	06/08/2009
BEGIN LEVEL	0.8947 IN
END TIME	10:25 AM
END DATE	06/08/2009
END LEVEL	0.8944 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-926-3200
UMC
SANBERNARDINO

06/08/2009 9:36 AM

SUMP LEAK TEST REPORT

NEW OIL

TEST STARTED	9:21 AM
TEST STARTED	06/08/2009
BEGIN LEVEL	3.3592 IN
END TIME	9:36 AM
END DATE	06/08/2009
END LEVEL	3.3590 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

12K FILL

TEST STARTED	9:21 AM
TEST STARTED	06/08/2009
BEGIN LEVEL	4.3930 IN
END TIME	9:36 AM
END DATE	06/08/2009
END LEVEL	4.3915 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-926-3200
UMC
SANBERNARDINO

06/08/2009 10:41 AM

SUMP LEAK TEST REPORT

W OIL

TEST STARTED	10:26 AM
TEST STARTED	06/08/2009
BEGIN LEVEL	2.3825 IN
END TIME	10:41 AM
END DATE	06/08/2009
END LEVEL	2.3815 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

12KTURB

TEST STARTED	10:26 AM
TEST STARTED	06/08/2009
BEGIN LEVEL	0.8944 IN
END TIME	10:41 AM
END DATE	06/08/2009
END LEVEL	0.8943 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

Jun 09 09 05:45a R.Johnson 6615264831 p

PACIFIC SYSTEMS ELECTRIC, INC.
32670 DOWLING CT
WINCHESTER, CA 92596



County of San Bernardino
Hazardous Materials Division. Under Ground Tanks
620 South E Street
San Bernardino CA 92415-0153

RECEIVED
JUN 17 2009
S.B. CO. FIRE DEPT.

SAN BERNARDINO COUNTY
FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" Street • San Bernardino, CA 92415-0153
(909) 386-8401 • Fax (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

April 16, 2009

VULCAN MATERIALS WEST DIVISION
#2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

ATTN: TONY VARISCO

SUBJECT: ADDENDUM TO REVIEW OF SUBMITTED OF SECONDARY CONTAINMENT TEST RESULTS AND NOTICE OF VIOLATION DATED FEBRUARY 21, 2009
FACILITY: FA0001676-VULCAN MATERIALS WEST DIVISION #2
2400 W HIGHLAND AVE
SAN BERNARDINO, CA 92407

During a teleconference with Tony Varisco of Vulcan Materials on April 15, 2009, it was identified that they met the requirement of the Notice of Violation dated February 21, 2009, and received onsite on March 6, 2009, by applying for a UST modification permit on March 17, 2009 to correct secondary containment failures identified during the January 23, 2009 secondary containment testing that was notified (for January 12, 2009) but not directly witnessed.

TITLE 23 CCR §2637 - Secondary Containment Tested – File review following request by Vulcan Materials representative, Tony Varisco, identified a violation of secondary containment testing dates. The requirement is to certify the UST system by January 1, 2003 with testing completed no later than December 31, 2002 and at least once each 36 months thereafter. At this facility testing was compliantly completed on October 14, 2002. Therefore the next routine Secondary Containment test should have occurred no later than October 14, 2005 to remain in compliance with the testing –frequency requirement. This facility was next certified on January 13, 2006. This testing was conducted at 38 months, one day short of 3 months in violation of the 36-month requirement for compliance testing. Failures were identified on that day and Notice of Violation was issued by Curtis Armstrong of this Department requiring that failed components be corrected, retested and to obtain a permit if required. A UST modification permit was applied for on June 26, 2006 – five months after the January 13, 2006 Notice of Violation. The next 36-month Secondary Containment test should have occurred on or by October 14, 2008. Secondary Containment testing occurred on January 23, 2009, 3 months and 9 days in violation of 23CCR§2637. *Note that Pacific Systems Electric notified the Department that they would be onsite testing on January 12, 2009 and did not notify the Department of the change to January 23, 2009.*

CORRECTION REQUIRED: Next routine 36-month Secondary Containment testing shall be completed on or before October 14, 2011.

If you have any questions, contact the Department representative below at (909) 386-8464.

Angela Samayoa per RETHS

ANGELA SAMAYOA
Hazardous Materials Specialist
UST Compliance Program/LOP

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" St.
San Bernardino, CA 92415-0153
(909) 386-8419 – FAX (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

April 8, 2009

VULCAN MATERIALS
2400 WEST HIGHLAND AVE
SAN BERNARDINO, CA 92407

ATTN: UST COMPLIANCE

RE: MODIFICATION OF THE UNDERGROUND STORAGE TANK (UST) SYSTEM
VULCAN MATERIALS, LOCATED AT 2400 WEST HIGHLAND AVE., SAN BERNARDINO (Log# 031709-03)

The work plan for the above referenced address has been approved. This approval is for the modifications outlined in your work plan only. Any other modifications or repairs must have prior approval from this Department.

A final inspection is required at the completion of your project to witness that work has been completed and all monitoring equipment properly replaced and functional. Additional testing may be requested at the discretion of the inspector.

Additional approvals or permits from other regulatory agencies or jurisdictions may be required prior to the proposed activity. It is the proponent's responsibility to assure that all pertinent requirements have been fulfilled.

All work shall be conducted per manufacturer installation guidelines.

All previously failed and corrected secondary components shall be tested in construction prior to back fill. Required testing includes: Primary piping pressure test, secondary piping pressure test, and 24-hour hydrostatic test of sumps (if broken out).
For Final, a certified secondary containment test is required for previously failed components. Another secondary containment test is required 6 months following completion of project.

Due to high demand for UST inspection scheduling, be advised that any requests for inspection should be made as soon as possible. All UST inspectors are fully scheduled **20 days** into the future. Although we do our best to accommodate every request, all inspections are scheduled upon availability of the inspectors. Thank you for your patience and cooperation. All inspections can be scheduled at (909) 386-8464.

ANGELA SAMAYOA, REHS, ICC-UI
HAZARDOUS MATERIALS SPECIALIST II
LOP/UST COMPLIANCE

Cc: EARL JONES – PACIFIC ELECTRIC

MARK UFFER
County Administrative Officer
NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors
BRAD MITZELFELT ..... First District
PAUL BIANE ..... Second District
NEIL BERRY ..... Third District
GARY C. OVITT ..... Fourth District
JOSIE GONZALES ..... Fifth District

File

SENDER: COMPLETE THIS SECTION

- Complete ite , 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Vulcan Materials West Division #2
Peter Chiu
2400 W Highland Ave
San Bernardino, CA 92407

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number
(Transfer from service label) 7003 0500 0000 5479 9555

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-154

UNITED STATES POSTAL SERVICE

First Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

San Bernardino County Fire Department
Hazardous Materials Division
Attention: Angie Samayoa
620 South E Street
San Bernardino, CA 92415-0153

RECEIVED
MAR 11 2009
S.B. CO. FIRE DEPT

SAN BERNARDINO COUNTY
FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" St.
San Bernardino, CA 92415-0153
(909) 386-8419 – FAX (909) 386-8460

PAT A. DENNEN
Fire Chief
County Fire Warden

DATE: 21 FEB 2009

Facility Owner/Operator: **Vulcan Materials West Division #2**
Mailing Address: **Peter Chiu**
2400 W Highland Ave
San Bernardino, CA 92407

Attention: Matt Branstetter

SUBJECT: REVIEW OF SUBMITTED OF SECONDARY CONTAINMENT TEST RESULTS AND NOTICE OF VIOLATION

FACILITY: 11676 LOCATED AT 2400 Highland Ave., San Bernardino CA

As a result of a recent records review, this facility has been identified as not being in compliance with Chapter 6.95 of the California Health and Safety Code (CHSC) and Title 23, Chapter 16 of California Code of Regulations (CCR). The following deficiencies are violations that may result in legal action if not corrected within 30 days:

- TITLE 23 CCR §2637 – Secondary Containment Tested – several failures noted on Jan. 23, 2009 have not been legally corrected and re-tested:

A SECONDARY CONTAINMENT TEST CONDUCTED ON Jan 23, 2009 LISTED THE FOLLOWING FAILURES:

1. 20K Red D Sec. Piping
2. 12K Sp. D Fill Sump
3. 12K Sp. D Piping Sump
4. Waste Oil Fill Sump
5. New Oil Fill Sump
6. _____
7. _____

Additional Information:

YOU ARE HEREBY ORDERED TO:

1. OBTAIN A UST MODIFICATION/REPAIR PERMIT AND SUBMIT PLANS TO MAKE ALL NECESSARY REPAIRS TO THE FAILED OR UNTESTABLE SECONDARY CONTAINMENT COMPONENTS THAT REQUIRE CORRECTION OR REPAIR WITHIN 30 DAYS.
2. UPON CORRECTION BY A PROPERLY LICENSED AND CERTIFIED CONTRACTOR, ALL FAILED OR PREVIOUSLY UNTESTED COMPONENTS SHALL BE TESTED IN THE PRESENCE OF AN INSPECTOR FROM THIS DEPARTMENT.

Failure to comply with this Notice of Violation may result in legal action by this Department.

23 CCR §2717,et al RED TAG AUTHORITY – This CUPA has the authority to place a Red Tag on all UST fill pipes at the above mentioned facility until full compliance is met, including, but not limited to testing and any permitted repairs/modifications that may be required upon inspection. Application of a Red Tag prohibits fuel delivery and may only be removed by this agency.

The San Bernardino County Fire Department reserves the right to issue an Administrative Enforcement Order or refer this matter to the District Attorney's office for review and prosecution of any or all violations which have occurred regardless of your compliance with this directive.

If you have any questions, contact the Department representative below at (909) 386-8464.

Angela Samayoa REHS

ANGELA SAMAYOA, REHS, ICC-UI
Hazardous Materials Specialist II
UST Compliance Program/LOP

REGULATORY REFERENCE: Title 23 of the California Code of Regulations §2717 et al. – Red Tag Authority.

MARK UFFER
County Administrative Officer
NORMAN A. KANOLD
Assistant County Administrator
Public and Support
Services Group

Board of Supervisors
BRAD MITZELFEL.....First District
PAUL BIANE.....Second District
NEIL BERRY .....Third District
GARY C. OVITT.....Fourth District
JOSIE GONZALES.....Fifth District

Fac # 1676

SECONDARY CONTAINMENT TESTING REPORT FORM

Pacific Systems Electric, Inc.

Winchester California 92596
California State License No. 561275
Servicing the Petroleum Industry Since 1989

RECEIVED
FEB 13 2009
S.B. CO. FIRE DEPT.

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the local implementing agency.

1. FACILITY INFORMATION

Facility Name: Vulcan Materials Company	Date of Testing:	1-23-09
Facility Address: 2400 Highland Ave. San Bernardino, CA 92407		**Test Type:**
Facility Contact: Matt Branstetter	Phone: 909.875.1150	☐ Retest
Date Local Agency Was Notified of Testing : January 5, 2009		☐ 6 month
Name of Local Agency Inspector *(if present during testing)*:		☑ 36 month

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric, Inc.		
Technician Conducting Test:	Arthur Johnson		
Credentials:	☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester	
License Type:	A-General Engineering	License Number: 561275	

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
International Code Council	Service Technician	Mar 3, 2009
Franklin Fueling Systems	STS-Sump Tester	Sept 3, 2009
CNI / Phil-Tite	EVR Phase I	Mar 6, 2009
Blueline Technologies, LLC	Sump Fittings	Mar 20, 2010

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
12K Spilt Tank Annular	☑	☐	☐	☐	Waste Oil Fill Sump	☐	☑	☐	☐
20K Red Diesel Tank Annular	☑	☐	☐	☐	New Oil Fill Sump	☐	☑	☐	☐
20K Red Diesel Secondary Piping	☐	☑	☐	☐	Waste Oil Spill Bucket	☑	☐	☐	☐
20K Diesel Fill Sump	☑	☐	☐	☐	Clear Diesel Spill Bucket	☑	☐	☐	☐
20K Diesel 20K Piping Sump	☑	☐	☐	☐	Red Diesel Spill Bucket	☑	☐	☐	☐
12K Split Diesel Fill Sump	☐	☑	☐	☐	New Oil Secondary Piping	☑	☐	☐	☐
12K Split Diesel Piping Sump	☐	☑	☐	☐		☑	☐	☐	☐
12K Split Diesel Secondary Piping	☑	☐	☐	☐		☑	☐	☐	☐
UDC 1	☑	☐	☐	☐		☐	☐	☐	☐
UDC2	☑	☐	☐	☐		☐	☐	☐	☐
UDC3	☑	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Test water was pumped into (4) -55 Gallon drums, labeled as Hazardous Waste, and left with tank owner for proper disposal.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: Arthur Johnson Date: 1-23-09

4. TANK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*		
Test Method Used:	☐Pressure ☑☑Vacuum ☐ Hydrostatic ☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Vacuum Gauge, Venturi Pump		Equipment Resolution: +/- .25%	

	Tank # Split Tank	Tank #Diesel	Tank #	Tank #
Is Tank Exempt From Testing?[1]	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☐ No
Tank Capacity:	12,000 gal	20,000 gal		
Tank Material:	Fiberglass/Steel	Fiberglass/Steel		
Tank Manufacturer:	Joor	Joor		
Product Stored:	Oil/Diesel	Diesel		
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min		
Test Start Time:	10:00AM	10:30AM		
Initial Reading (R_I):	10"hg.	10"hg.		
Test End Time:	12:00PM	12:30PM		
Final Reading (R_F):	10" hg.	10" hg.		
Test Duration:	2.0 hr	2.0 hr.		
Change in Reading (R_F-R_I):	0" hg.	0" hg.		
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss		
Test Result:	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☐ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, & recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. {California Code of Regulations, Title 23, Section 2637(a)(6)}

3. SECONDARY PIPE TESTING

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☑ Pressure	☐ Vacuum	☐Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Gauge, Nitrogen Gas		Equipment Resolution: + / - .5%	

	Piping Run # 20K DSL	**Piping Run # 12 K Clear DSL**	**Piping Run # New Oil**	**Piping Run #**
Piping Material:	Poly	Poly	Fiberglass	
Piping Manufacturer:	Smith	Smith	Smith	
Piping Diameter:	2"	2"	3"/2"	
Length of Piping Run:	35'	40'	10'	
Product Stored:	Diesel	Diesel	Oil	
Method and location of piping-run isolation:	Test Boot	Test Boot	Test Boot	
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min	15 Min	
Test Start Time	12:30PM	2:45pm	10:00am	
Initial Reading (R_I):	5 Psi	5Psi	5Psi	
Test End Time:	1:30PM	3:45pm	11:00am	
Final Reading (R_F):	0 Psi	5Psi	5Psi	
Test Duration:	1.0 hr	1.0hr	1.0hr	
Change in Reading (R_F-R_I):	5 Psi	0 Psi	0 Psi	
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss	Zero Loss	
Test Result:	☐ **Pass** ☑**Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Product secondary failed due to bad test boot. Replace boot and retest.

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer	
	☐ Other *(Specify)*			
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic	
	☐ Other *(Specify)*			
Test Equipment Used: INCON TS-STS Sump Testing System			Equipment Resolution: 000.0000"	

	Sump # DSL 20K Turbine	Sump #DSL 12K Turbine	Sump # W/O	Sump #N/O
Sump Diameter:	42"	42"	41"	41"
Sump Depth:	42"	36"	52"	51"
Sump Material:	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Height from Tank Top to Top of Highest Piping Penetration:	12"	12"	14"	11"
Height from Tank Top to Lowest Electrical Penetration:	26"	24"	15"	21"
Condition of sump prior to testing:	Ok	Ok	Good	Good
Portion of Sump Tested[2]	20"	16"	18"	15"
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Turbine shutdown response time	Sec	Sec	Sec	Sec
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min	15 Min	15 Min
Test Start Time:	1:44PM/2:01PM	10:29AM		
Initial Reading (R_I):	1.6154"/1.6155"	1.1660"		
Test End Time:	1:59PM/2:17PM	10:44AM		
Final Reading (R_F):	1.6154"/1.6154"	1.1416"		
Test Duration:	2/15 Minute Tests	2/15 Minute Tests		
Change in Reading (R_F-R_I):	0.0000"/0.0001"	0.0244"		
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"		
Test Result:	☑ **Pass** ☐ **Fail**	☐ **Pass** ☑**Fail**	☐ **Pass** ☑**Fail**	☐ **Pass** ☑**Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[2] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

6. 7.UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer	☑ Industry Standard	☐ Professional Engineer	☐ Other *(Specify)*
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic	☐ Other *(Specify)*
Test Equipment Used: Incon TS-STS Sump Testing System			Equipment Resolution: 000.0000"	

	UDC # 1	UDC # 2	UDC # 3	UDC #
UDC Manufacturer:	APT	APT	APT	
UDC Material:	Poly	Poly	Poly	
UDC Depth:	36"	36"	36"	
Height from UDC Bottom to Top of Highest Piping Penetration:	19"	17"	10"	
Height from UDC Bottom to Lowest Electrical Penetration:	24"	22"	19"	
Condition of UDC prior to testing:	Good	Good	Good	
Portion of UDC Tested[3]	22"	20"	15"	
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Turbine shutdown response time	Sec	Sec		
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Wait time between applying pressure/vacuum/water and starting test	15 Min	15 Min	15 Min	
Test Start Time:	11:01AM/11:22AM	11:01AM/11:22AM	11:54AM/12:12PM	
Initial Reading (R_I):	3.2417"/3.2410"	2.6944"/2.6954"	4.3846"/4.3846"	
Test End Time:	11:16AM/11:37AM	11:16AM/11:37AM	12:09PM/12:28PM	
Final Reading (R_F):	3.2415"/3.2392"	2.6959"/2.6947"	4.3843"/4.3842"	
Test Duration:	2/15 Minute Tests	2/15 Minute Tests	2/15 Minute Tests	
Change in Reading (R_F-R_I):	0.0002"/0.0018"	0.0015"/0.0007"	0.0003"/0.0004"	
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	
Test Result:	☑Pass ☐Fail	☑Pass ☐Fail	☑Pass ☐Fail	☐Pass ☐ Fail
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[3] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

8.FILL RISER CONTA[illegible]IENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐				
Fill Riser Containment Sumps are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*			
Test Method Used:	☐ Pressure ☐ Vacuum ☐Hydrostatic ☐ Other *(Specify)*			
Test Equipment Used: Incon TS-STS Sump Testing System		Equipment Resolution: 000.0000"		
	Fill Sump # 12K DSL	**Fill Sump #20K DSL**	**Fill Sump #**	**Fill Sump #**
Sump Diameter:	42"	42"		
Sump Depth:	51"	52"		
Height from Tank Top to Top of Highest Piping Penetration:	16"	19"		
Height from Tank Top to Lowest Electrical Penetration:	26"	24"		
Condition of sump prior to testing:	Good	Good		
Portion of Sump Tested	20"	16"		
Sump Material:	Fiberglass	Fiberglass		
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min		
Test Start Time:	10:29AM	11:54PM/12:12PM		
Initial Reading (R_I):	3.3730"	4.1442"/4.1441"		
Test End Time:	10:44AM	12:09PM/12:28PM		
Final Reading (R_F):	3.3642"	4.1442"/4.1441"		
Test Duration:	2/15 Minute Tests	2/15 Minute Tests		
Change in Reading (R_F-R_I):	0.0078"	0.0000"/0.0000"		
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"		
Test Result:	☐ **Pass** ☑ **Fail**	☑**Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Is there a sensor in the sump?	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No
Does the sensor alarm when either product or water is detected?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No☐NA
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

9.SPILL/OVERFILL CONTAINMENT BOXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐				
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*			
Test Method Used:	☐ Pressure ☐ Vacuum ☐Hydrostatic ☐ Other *(Specify)*			
Test Equipment Used:			Equipment Resolution:	

	Spill Box #Waste Oil	**Spill Box #20K DSL**	**Spill Box #12K DSL**	**Spill Box #**
Bucket Diameter:	12″	12″	12″	
Bucket Depth:	16″	13″	13″	
Wait time between applying pressure/vacuum/water and starting test:	15min	15min	15min	
Test Start Time:	7:00AM	8:30AM	10:00AM	
Initial Reading (R_I):	10″	7″	8.5″	
Test End Time:	8:00AM	9:30AM	11:00AM	
Final Reading (R_F):	10″	7″	8.5″	
Test Duration:	1.0 hr	1.0 hr	1.0hr	
Change in Reading (R_F-R_I):	0″	0″	0	
Pass/Fail Threshold or Criteria:	No Loss	No Loss	No Loss	
Test Result:	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☑ **Pass** ☐**Fail**	☐ **Pass** ☐**Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Spill buckets are located in contained sumps.

Completed Form Sent To
Local Implementing Agency
By
Pacific Systems Electric, Inc.

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VULCAN MATERIAL
SANBERNADINO

01/23/2009 10:20 AM

SUMP LEAK TEST REPORT

DSLFILL

TEST STARTED	10:05 AM
TEST STARTED	01/23/2009
BEGIN LEVEL	3.3797 IN
END TIME	10:20 AM
END DATE	01/23/2009
END LEVEL	3.3778 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

DSLTURB

TEST STARTED	10:05 AM
TEST STARTED	01/23/2009
BEGIN LEVEL	1.1723 IN
END TIME	10:20 AM
END DATE	01/23/2009
END LEVEL	1.1717 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VULCAN MATERIAL
SANBERNADINO

01/23/2009 10:44 AM

SUMP LEAK TEST REPORT

DSLFILL

TEST STARTED	10:29 AM
TEST STARTED	01/23/2009
BEGIN LEVEL	3.3730 IN
END TIME	10:44 AM
END DATE	01/23/2009
END LEVEL	3.3642 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	FAILED

DSLTURB

TEST STARTED	10:29 AM
TEST STARTED	01/23/2009
BEGIN LEVEL	1.1660 IN
END TIME	10:44 AM
END DATE	01/23/2009
END LEVEL	1.1416 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	FAILED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VULCAN MATERIAL
SANBERNADINO

01/23/2009 11:21 AM

SUMP LEAK TEST REPORT

UDC-1

TEST STARTED	11:01 AM
TEST STARTED	01/23/2009
BEGIN LEVEL	3.2417 IN
END TIME	11:16 AM
END DATE	01/23/2009
END LEVEL	3.2415 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

UDC-2

TEST STARTED	11:01 AM
TEST STARTED	01/23/2009
BEGIN LEVEL	2.6944 IN
END TIME	11:16 AM
END DATE	01/23/2009
END LEVEL	2.6959 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VULCAN MATERIAL
SANBERNADINO

01/23/2009 11:37 AM

SUMP LEAK TEST REPORT

UDC-1

TEST STARTED	11:22 AM
TEST STARTED	01/23/2009
BEGIN LEVEL	3.2410 IN
END TIME	11:37 AM
END DATE	01/23/2009
END LEVEL	3.2392 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

UDC-2

TEST STARTED	11:22 AM
TEST STARTED	01/23/2009
BEGIN LEVEL	2.6954 IN
END TIME	11:37 AM
END DATE	01/23/2009
END LEVEL	2.6947 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VULCAN MATERIAL
SANBERNADINO

01/23/2009 12:09 PM

SUMP LEAK TEST REPORT

UDC-3

TEST STARTED	11:54 AM
TEST STARTED	01/23/2009
BEGIN LEVEL	4.3846 IN
END TIME	12:09 PM
END DATE	01/23/2009
END LEVEL	4.3843 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

20KFILL

TEST STARTED	11:54 AM
TEST STARTED	01/23/2009
BEGIN LEVEL	4.1442 IN
END TIME	12:09 PM
END DATE	01/23/2009
END LEVEL	4.1442 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VULCAN MATERIAL
SANBERNADINO

01/23/2009 12:28 PM

SUMP LEAK TEST REPORT

UDC-3

TEST STARTED	12:12 PM
TEST STARTED	01/23/2009
BEGIN LEVEL	4.3846 IN
END TIME	12:28 PM
END DATE	01/23/2009
END LEVEL	4.3842 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

20KFILL

TEST STARTED	12:12 PM
TEST STARTED	01/23/2009
BEGIN LEVEL	4.1441 IN
END TIME	12:28 PM
END DATE	01/23/2009
END LEVEL	4.1441 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VULCAN MATERIAL
SANBERNADINO

01/23/2009 2:01 PM

SUMP LEAK TEST REPORT

20KTURB

TEST STARTED	1:44 PM
TEST STARTED	01/23/2009
BEGIN LEVEL	1.6154 IN
END TIME	1:59 PM
END DATE	01/23/2009
END LEVEL	1.6154 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

PACIFIC SYSTEMS ELECTRIC
TESTING SERVICES
951-677-0704
VULCAN MATERIAL
SANBERNADINO

01/23/2009 2:17 PM

SUMP LEAK TEST REPORT

20KTURB

TEST STARTED	2:01 PM
TEST STARTED	01/23/2009
BEGIN LEVEL	1.6155 IN
END TIME	2:17 PM
END DATE	01/23/2009
END LEVEL	1.6154 IN
LEAK THRESHOLD	0.002 IN
TEST RESULT	PASSED

SECONDARY CONTAINMENT TESTING REPORT FORM

Pacific Systems Electric, Inc.

Winchester California 92596
California State License No. 561275
Servicing the Petroleum Industry Since 1989

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the local implementing agency.

1. FACILITY INFORMATION

Facility Name: Vulcan Materials Company	Date of Testing:	1-23-09
Facility Address: 2400 Highland Ave. San Bernardino, CA 92407		**Test Type:**
Facility Contact: Matt Branstetter	Phone: 909.875.1150	☐ Retest
Date Local Agency Was Notified of Testing : January 5, 2009		☐ 6 month
Name of Local Agency Inspector *(if present during testing)*:		☑ 36 month

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric, Inc.	
Technician Conducting Test:	Arthur Johnson	
Credentials:	☑ CSLB Licensed Contractor	☐ SWRCB Licensed Tank Tester
License Type:	A-General Engineering	License Number: 561275

Manufacturer Training

Manufacturer	Component(s)	Date Training Expires
International Code Council	Service Technician	Mar 3, 2009
Franklin Fueling Systems	STS-Sump Tester	Sept 3, 2009
CNI / Phil-Tite	EVR Phase I	Mar 6, 2009
Blueline Technologies, LLC	Sump Fittings	Mar 20, 2010

3. SUMMARY OF TEST RESULTS

Component	Pass	Fail	Not Tested	Repairs Made	Component	Pass	Fail	Not Tested	Repairs Made
12K Spilt Tank Annular	☑	☐	☐	☐	Waste Oil Fill Sump	☐	☑	☐	☐
20K Red Diesel Tank Annular	☑	☐	☐	☐	New Oil Fill Sump	☐	☑	☐	☐
20K Red Diesel Secondary Piping	☐	☑	☐	☐	Waste Oil Spill Bucket	☑	☐	☐	☐
20K Diesel Fill Sump	☑	☐	☐	☐	Clear Diesel Spill Bucket	☑	☐	☐	☐
20K Diesel 20K Piping Sump	☑	☐	☐	☐	Red Diesel Spill Bucket	☑	☐	☐	☐
12K Split Diesel Fill Sump	☐	☑	☐	☐	New Oil Secondary Piping	☑	☐	☐	☐
12K Split Diesel Piping Sump	☐	☑	☐	☐		☑	☐	☐	☐
12K Split Diesel Secondary Piping	☑	☐	☐	☐		☑	☐	☐	☐
UDC 1	☑	☐	☐	☐		☐	☐	☐	☐
UDC2	☑	☐	☐	☐		☐	☐	☐	☐
UDC3	☑	☐	☐	☐		☐	☐	☐	☐

If hydrostatic testing was performed, describe what was done with the water after completion of tests:

Test water was pumped into (4) -55 Gallon drums, labeled as Hazardous Waste, and left with tank owner for proper disposal.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

To the best of my knowledge, the facts stated in this document are accurate and in full compliance with legal requirements

Technician's Signature: Arthur Johnson Date: 1-23-09

I. TANK ANNULAR TESTING

Test Method Developed By:	☐ Tank Manufacturer	☑ Industry Standard	☐ Professional Engineer	☐ Other *(Specify)*
Test Method Used:	☐Pressure	☑☑Vacuum	☐ Hydrostatic	☐ Other *(Specify)*
Test Equipment Used: 4.5" Glycerin Filled Vacuum Gauge, Venturi Pump			Equipment Resolution: +/- .25%	

	Tank # Split Tank	Tank #Diesel	Tank #	Tank #
Is Tank Exempt From Testing?[1]	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☐ No
Tank Capacity:	12,000 gal	20,000 gal		
Tank Material:	Fiberglass/Steel	Fiberglass/Steel		
Tank Manufacturer:	Joor	Joor		
Product Stored:	Oil/Diesel	Diesel		
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min		
Test Start Time:	10:00AM	10:30AM		
Initial Reading (R_I):	10"hg.	10"hg.		
Test End Time:	12:00PM	12:30PM		
Final Reading (R_F):	10" hg.	10" hg.		
Test Duration:	2.0 hr	2.0 hr.		
Change in Reading (R_F-R_I):	0" hg.	0" hg.		
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss		
Test Result:	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☐ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐No ☐NA

Comments – *(include information on repairs made prior to testing, & recommended follow-up for failed tests)*

[1] Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. {California Code of Regulations, Title 23, Section 2637(a)(6)}

5. SECONDARY PIPE TESTIN

Test Method Developed By:	☐ Piping Manufacturer	☑ Industry Standard	☐Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☑ Pressure	☐ Vacuum	☐Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: 4.5" Glycerin Filled Gauge, Nitrogen Gas		Equipment Resolution: + / - .5%	

	Piping Run # 20K DSL	**Piping Run #** 12 K Clear DSL	**Piping Run #** New Oil	**Piping Run #**
Piping Material:	Poly	Poly	Fiberglass	
Piping Manufacturer:	APT	APT	Smith	
Piping Diameter:	2"	2"	3"/2"	
Length of Piping Run:	35'	40'	10'	
Product Stored:	Diesel	Diesel	Oil	
Method and location of piping-run isolation:	Test Boot	Test Boot	Test Boot	
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min	15 Min	
Test Start Time	12:30PM	2:45pm	10:00am	
Initial Reading (R_I):	5 Psi	5Psi	5Psi	
Test End Time:	1:30PM	3:45pm	11:00am	
Final Reading (R_F):	0 Psi	5Psi	5Psi	
Test Duration:	1.0 hr	1.0hr	1.0hr	
Change in Reading (R_F-R_I):	5 Psi	0 Psi	0 Psi	
Pass/Fail Threshold or Criteria:	Zero Loss	Zero Loss	Zero Loss	
Test Result:	☐ **Pass** ☑ **Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Product secondary failed due to bad test boot. Replace boot and retest.

6. PIPING SUMP TESTING

Test Method Developed By:	☐ Sump Manufacturer	☑ Industry Standard	☐ Professional Engineer
	☐ Other *(Specify)*		
Test Method Used:	☐ Pressure	☐ Vacuum	☑Hydrostatic
	☐ Other *(Specify)*		
Test Equipment Used: INCON TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	Sump # DSL 20K Turbine	Sump #DSL 12K Turbine	Sump # W/O	Sump #N/O
Sump Diameter:	42"	42"	41"	41"
Sump Depth:	42"	36"	52"	51"
Sump Material:	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Height from Tank Top to Top of Highest Piping Penetration:	12"	12"	14"	11"
Height from Tank Top to Lowest Electrical Penetration:	26"	24"	15"	21"
Condition of sump prior to testing:	Ok	Ok	Good	Good
Portion of Sump Tested[2]	20"	16"	18"	15"
Does turbine shut down when sump sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Turbine shutdown response time	Sec	Sec	Sec	Sec
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min	15 Min	15 Min
Test Start Time:	1:44PM/2:01PM	10:29AM		
Initial Reading (R_I):	1.6154"/1.6155"	1.1660"		
Test End Time:	1:59PM/2:17PM	10:44AM		
Final Reading (R_F):	1.6154"/1.6154"	1.1416"		
Test Duration:	2/15 Minute Tests	2/15 Minute Tests		
Change in Reading (R_F-R_I):	0.0000"/0.0001"	0.0244"		
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"		
Test Result:	☑ **Pass** ☐ **Fail**	☐ **Pass** ☑**Fail**	☐ **Pass** ☑**Fail**	☐ **Pass** ☑**Fail**
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☐Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[2] If the entire depth of the sump is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

6. 7.UNDER-DISPENSER C[illegible]AINMENT (UDC) TESTING

Test Method Developed By:	☐ UDC Manufacturer ☑ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*		
Test Method Used:	☐ Pressure ☐ Vacuum ☑Hydrostatic ☐ Other *(Specify)*		
Test Equipment Used: Incon TS-STS Sump Testing System		Equipment Resolution: 000.0000"	

	UDC # 1	UDC # 2	UDC # 3	UDC #
UDC Manufacturer:	APT	APT	APT	
UDC Material:	Poly	Poly	Poly	
UDC Depth:	36"	36"	36"	
Height from UDC Bottom to Top of Highest Piping Penetration:	19"	17"	10"	
Height from UDC Bottom to Lowest Electrical Penetration:	24"	22"	19"	
Condition of UDC prior to testing:	Good	Good	Good	
Portion of UDC Tested[3]	22"	20"	15"	
Does turbine shut down when UDC sensor detects liquid (both product and water)?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Turbine shutdown response time	Sec	Sec		
Is system programmed for fail-safe shutdown?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Was fail-safe verified to be operational?*	☐ Yes ☐ No ☑ NA	☐ Yes ☐ No ☑ NA	☐Yes ☐ No ☑NA	☐Yes ☐ No ☐NA
Wait time between applying pressure/vacuum/water and starting test	15 Min	15 Min	15 Min	
Test Start Time:	11:01AM/11:22AM	11:01AM/11:22AM	11:54AM/12:12PM	
Initial Reading (R_I):	3.2417"/3.2410"	2.6944"/2.6954"	4.3846"/4.3846"	
Test End Time:	11:16AM/11:37AM	11:16AM/11:37AM	12:09PM/12:28PM	
Final Reading (R_F):	3.2415"/3.2392"	2.6959"/2.6947"	4.3843"/4.3842"	
Test Duration:	2/15 Minute Tests	2/15 Minute Tests	2/15 Minute Tests	
Change in Reading (R_F-R_I):	0.0002"/0.0018"	0.0015"/0.0007"	0.0003"/0.0004"	
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"	No Loss > .002"	
Test Result:	☑Pass ☐Fail	☑Pass ☐Fail	☑Pass ☐Fail	☐Pass ☐Fail
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☐Yes ☐ No ☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

[3] If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

8.FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill Riser Containment Sumps ☐	
Fill Riser Containment Sumps are Present, but were Not Tested ☐	
Test Method Developed By:	☐ Spill Bucket Manufacturer ☐ Industry Standard ☐ Professional Engineer ☐ Other *(Specify)*
Test Method Used:	☐ Pressure ☐ Vacuum ☐Hydrostatic ☐ Other *(Specify)*
Test Equipment Used: Incon TS-STS Sump Testing System	Equipment Resolution: 000.0000"

	Fill Sump # 12K DSL	**Fill Sump #**20K DSL	**Fill Sump #**	**Fill Sump #**
Sump Diameter:	42"	42"		
Sump Depth:	51"	52"		
Height from Tank Top to Top of Highest Piping Penetration:	16"	19"		
Height from Tank Top to Lowest Electrical Penetration:	26"	24"		
Condition of sump prior to testing:	Good	Good		
Portion of Sump Tested	20"	16"		
Sump Material:	Fiberglass	Fiberglass		
Wait time between applying pressure/vacuum/water and starting test:	15 Min	15 Min		
Test Start Time:	10:29AM	11:54PM/12:12PM		
Initial Reading (R_I):	3.3730"	4.1442"/4.1441"		
Test End Time:	10:44AM	12:09PM/12:28PM		
Final Reading (R_F):	3.3642"	4.1442"/4.1441"		
Test Duration:	2/15 Minute Tests	2/15 Minute Tests		
Change in Reading (R_F-R_I):	0.0078"	0.0000"/0.0000"		
Pass/Fail Threshold or Criteria:	No Loss > .002"	No Loss > .002"		
Test Result:	☐ **Pass** ☑ **Fail**	☑**Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**	☐**Pass** ☐ **Fail**
Is there a sensor in the sump?	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No	☑ Yes ☐ No
Does the sensor alarm when either product or water is detected?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No☐NA
Was sensor removed for testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No☐NA
Was sensor properly replaced and verified functional after testing?	☑ Yes ☐ No ☐ NA	☑ Yes ☐ No ☐ NA	☑Yes ☐ No ☐NA	☑Yes ☐ No☐NA

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

9 ILL/OVERFILL CONTAINMENT OXES

Facility is Not Equipped With Spill/Overfill Containment Boxes ☐				
Spill/Overfill Containment Boxes are Present, but were Not Tested ☐				
Test Method Developed By:	☐ Spill Bucket Manufacturer	☐ Industry Standard	☐ Professional Engineer	☐ Other *(Specify)*
Test Method Used:	☐ Pressure	☐ Vacuum	☐ Hydrostatic	☐ Other *(Specify)*
Test Equipment Used:		Equipment Resolution:		

	Spill Box #Waste Oil	**Spill Box** #20K DSL	**Spill Box** #12K DSL	**Spill Box #**
Bucket Diameter:	12″	12″	12″	
Bucket Depth:	16″	13″	13″	
Wait time between applying pressure/vacuum/water and starting test:	15min	15min	15min	
Test Start Time:	7:00AM	8:30AM	10:00AM	
Initial Reading (R_I):	10″	7″	8.5″	
Test End Time:	8:00AM	9:30AM	11:00AM	
Final Reading (R_F):	10″	7″	8.5″	
Test Duration:	1.0 hr	1.0 hr	1.0hr	
Change in Reading (R_F-R_I):	0″	0″	0	
Pass/Fail Threshold or Criteria:	No Loss	No Loss	No Loss	
Test Result:	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☐ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Spill buckets are located in contained sumps.

Completed Form Sent To
Local Implementing Agency
By
Pacific Systems Electric, Inc.

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

PAT A. DENNEN
Fire Chief
County Fire Warden

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" St.
San Bernardino, CA 92415-0153
(909) 386-8419 – FAX (909) 386-8460

DATE: 21 FEB 2009

Facility Owner/Operator: **Vulcan Materials West Division #2**

Mailing Address: **Peter Chiu**
2400 W Highland Ave
San Bernardino, CA 92407

Attention: Matt Branstetter

SUBJECT: REVIEW OF SUBMITTED OF SECONDARY CONTAINMENT TEST RESULTS AND NOTICE OF VIOLATION

FACILITY: 16716 LOCATED AT 2400 Highland Ave., San Bernardino CA

As a result of a recent records review, this facility has been identified as not being in compliance with Chapter 6.95 of the California Health and Safety Code (CHSC) and Title 23, Chapter 16 of California Code of Regulations (CCR). The following deficiencies are violations that may result in legal action if not corrected within 30 days:

- TITLE 23 CCR §2637 – Secondary Containment Tested – several failures noted on Jan. 23, 2009 have not been legally corrected and re-tested:

A SECONDARY CONTAINMENT TEST CONDUCTED ON Jan 23, 2009 LISTED THE FOLLOWING FAILURES:

1. 20K Red D Sec. Piping
2. 12K Sp. D Fill Sump
3. 12K Sp. D Piping Sump
4. Waste Oil Fill Sump
5. New Oil Fill Sump
6. _____
7. _____

Additional Information:

YOU ARE HEREBY ORDERED TO:

1. OBTAIN A UST MODIFICATION/REPAIR PERMIT AND SUBMIT PLANS TO MAKE ALL NECESSARY REPAIRS TO THE FAILED OR UNTESTABLE SECONDARY CONTAINMENT COMPONENTS THAT REQUIRE CORRECTION OR REPAIR WITHIN 30 DAYS.
2. UPON CORRECTION BY A PROPERLY LICENSED AND CERTIFIED CONTRACTOR, ALL FAILED OR PREVIOUSLY UNTESTED COMPONENTS SHALL BE TESTED IN THE PRESENCE OF AN INSPECTOR FROM THIS DEPARTMENT.

Failure to comply with this Notice of Violation may result in legal action by this Department.

23 CCR §2717,et al RED TAG AUTHORITY – This CUPA has the authority to place a Red Tag on all UST fill pipes at the above mentioned facility until full compliance is met, including, but not limited to testing and any permitted repairs/modifications that may be required upon inspection. Application of a Red Tag prohibits fuel delivery and may only be removed by this agency.

The San Bernardino County Fire Department reserves the right to issue an Administrative Enforcement Order or refer this matter to the District Attorney's office for review and prosecution of any or all violations which have occurred regardless of your compliance with this directive.

If you have any questions, contact the Department representative below at (909) 386-8464.

Angela Samayoa REHS

ANGELA SAMAYOA, REHS, ICC-UI
Hazardous Materials Specialist II
UST Compliance Program/LOP

REGULATORY REFERENCE: Title 23 of the California Code of Regulations §2717 et al. – Red Tag Authority.

MARK UFER
County Administrative Officer
NORMAN A. KANOLD
Assistant County Administrative Officer
Public and Support Services Group

Board of Supervisors
BRAD MITZELFELT ... First District
PAUL BIANE ... Second District
KEN BERRY ... Third District
GARY C. OVITT ... Fourth District
JOSIE GONZALES ... Fifth District

State Of California
CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE

Contractors State License Board

License Number 561275

Entity CORP

Business Name PACIFIC SYSTEMS ELECTRIC INC

Classification(s) C10 A HAZ

Expiration Date 11/30/2010

Any change of business address/name must be reported to the Registrar within 90 days.
This license is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.
This pocket card is valid through the expiration date only.

If found, drop in any mailbox.
Postage guaranteed by:
Contractors State License Board
P.O. Box 26000, Sacramento CA 95826

Licensee Signature

STATE OF CALIFORNIA

Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code
and the Rules and Regulations of the Contractors State License Board,
the Registrar of Contractors does hereby issue this license to:

PACIFIC SYSTEMS ELECTRIC INC

to engage in the business or act in the capacity of a contractor
in the following classification(s):

C10 - ELECTRICAL
A - GENERAL ENGINEERING CONTRACTOR

Witness my hand and seal this day,
November 9, 2006

SIGNATURE OF LICENSEE

SIGNATURE OF LICENSE QUALIFIER

Issued March 20, 1989

Reissued November 8, 2006

This license is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason. It becomes void if not renewed.

Stephen P. Sands
Registrar of Contractors

Reassigned 561275
License Number

INTERNATIONAL CODE COUNCIL

EARL D JONES

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

UST Installation/Retrofitting

Given this day of January 6, 2009

Certificate No. 5250377-UI

Adolf Zubia
President, Board of Directors

Richard P. Weiland
Chief Executive Officer

INTERNATIONAL CODE COUNCIL

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED WASHINGTON, D.C.

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate

Franklin Fueling Systems

Arthur Johnson - Certification #: 1026053761
Pacific Systems Electric

Certification Type	Expiration Date
Phil-Tite Executive Order VR-101-H	Mar-05-2009
Healy Executive Order VR-202-B	Mar-05-2009

Phil-Tite Training Mar-05-2007
Healy Training Mar-05-2007

System-Xpert Certified Technician

Arthur Johnson
Technician #425791

CARB Monitoring Systems - Level 2/3

Mech. Dispensing Configurations, Enhanced Screening - CA only

Franklin Fueling Systems

Arthur Johnson - Certification #: 1026053761
Pacific Systems Electric

Certification Type	Expiration Date
EMS Programming	Sep-03-2009
Electronic Line Leak Detection	Sep-03-2009
Sump Test System Operation	Sep-03-2009

Pipeline Technologies, LLC

269 Plumas Drive, Yuba City, CA 95991 • Tel: (530) 671-5060 • Fax: (530) 671-5206
www.pipelinetechnologies.com

Name: Arthur Johnson
Company: Pacific Systems Electric
Certified Trained Installer Card #: CA-1679
Expires on: March 20, 2010

MEMBER PEI

CNI MANUFACTURING

MEMBER PEI

Arthur Johnson
Pacific Systems Electric Compton, CA

EVR System Installation Trained Installer
626-962-6646

3/06/07
No. 0950

EVR PHASE 1
E.O. #VR-104-B

By: Tom Goodwin

SCAQMD Rule 461 Tester ID

Name
Arthur Johnson

Company
Charles E. Thomas Co.

Tester ID
T-45006



POLICYHOLDER COPY SK

STATE COMPENSATION INSURANCE FUND

P.O. BOX 420807, SAN FRANCISCO,CA 94142-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

ISSUE DATE: 02-07-2009

GROUP: 000238
POLICY NUMBER: 0005845-2008
CERTIFICATE ID: 33
CERTIFICATE EXPIRES: 02-07-2010
02-07-2009/02-07-2010

CITY OF LONG BEACH SK
333 W OCEAN BLVD 4TH FL
LONG BEACH CA 90802-4681

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon 30 days advance written notice to the employer.

We will also give you 30 days advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policy listed herein. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate of insurance may be issued or to which it may pertain, the insurance afforded by the policy described herein is subject to all the terms, exclusions, and conditions, of such policy.

James Neary — AUTHORIZED REPRESENTATIVE

Janet Frank — PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS: $1,000,000 PER OCCURRENCE.

ENDORSEMENT #1600 - JONES, EARL DOYLE, PRESIDENT TREASURER - EXCLUDED.

ENDORSEMENT #1600 - JONES, CHARLEEN WREY, SECRETARY - EXCLUDED.

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDERS' NOTICE EFFECTIVE 02-07-2009 IS ATTACHED TO AND FORMS A PART OF THIS POLICY.

EMPLOYER

PACIFIC SYSTEMS ELECTRIC, INC SK
32670 DOWLING DR
WINCHESTER CA 92596

M0410

(REV.2-05)

PRINTED : 01-16-2009

Vulcan
Materials Company

March 23, 2009

RECEIVED
MAR 27 2009
S.B. CO. FIRE DEPT.

Ms.Angela Samayoa REHS
Hazardous Materials Specialist II
UST Compliance Program
Office of the Fire Marshall
San Bernardino County
620 South "E" Street
San Bernardino, CA. 92415-0153

Subject: Notice of Violation Facility #1676

Dear Ms. Samayoa:

On March 6th, 2009, Vulcan Materials Company's San Bernardino facility located at 2400 Highland Avenue, San Bernardino, received by mail a notice of violation ("the NOV") dated February 21st, 2009. The NOV alleges that a violation of CCR Title 23 Section 2637 occurred in relation to failed integrity tests of underground storage tank equipment (e.g., fill sumps and piping sumps) that were tested on January 23rd, 2009. Specifically, the NOV cites that a violation occurred because "several failures noted on January 23rd, 2009, have not been legally corrected and re-tested." Vulcan has reviewed Title 23 Section 2637 of the CCR and does not agree with your conclusion that a violation occurred for the following reasons:

- The subject tank secondary containment systems were integrity tested as required, once every 36 months.
- Your agency was notified 48 hours in advance that the testing was to occur.
- The testing was completed by a licensed tank testing firm, Pacific Systems Electric.
- A copy of the test results were submitted to your agency within 30 days of completing the testing by Pacific Systems Electric. The report was received by your department on or about February 15th, 2009.
- Pacific Systems Electric was in the process of completing paperwork for the necessary permits to conduct repair and re-testing.
- The NOV was issued on February 21st, 2009, which is less than 30 days from the date the tests were completed (January 23rd, 2009) yet cites "several failures noted" as having "not been legally corrected and re-tested".

WESTERN DIVISION
P.O. BOX 3098 • SAN DIEGO, CALIFORNIA 92163-3098
TELEPHONE (858) 547-9459 • FAX (858) 530-9493

Title 23 Section 2637 of the CCR does not require that *all permitting and repairs be completed* within 30 days, but specifically that copies of test reports be submitted to the local agency within 30 days. Less that 30 days had lapsed from the time the tests were completed (Jan 23rd) and the NOV issued (Feb 21st).

In summary, Vulcan does not believe that a violation occurred and asks that the NOV be vacated (or rescinded) and removed from the public record. Please provide confirmation once the NOV is vacated.

Also, please note Peter Chui is no longer with Vulcan as shown in the mailing address heading. The contact is Mr. Daryl Charlson.

Should have any questions, please contact me at 858-530-9444.

Very Truly Yours,

Tony Varisco
Environmental Services Manager
Vulcan Materials Western Division

Cc: Brian Anderson, Vulcan
Daryl Charlson, Vulcan
Matt Branstetter, Vulcan

CERTIFEID MAIL: 7001 2510 0001 9054 0601

SAN BERNARDINO COUNTY FIRE DEPARTMENT

COUNTY OF SAN BERNARDINO
PUBLIC AND SUPPORT
SERVICES GROUP

PAT A. DENNEN
Fire Chief
County Fire Warden

OFFICE OF THE FIRE MARSHAL
HAZARDOUS MATERIALS DIVISION
620 South "E" St.
San Bernardino, CA 92415-0153
(909) 386-8419 – FAX (909) 386-8460

Recd
3-6-09
ENV. Dept.
T.V.

DATE: 21 FEB 2009

Facility Owner/Operator: Vulcan Materials West Division #2

Mailing Address: Peter Chiu
2400 W Highland Ave
San Bernardino, CA 92407

Attention: Matt Branstetter

SUBJECT: REVIEW OF SUBMITTED OF SECONDARY CONTAINMENT TEST RESULTS AND NOTICE OF VIOLATION

FACILITY: 16716 LOCATED AT 2400 Highland Ave., San Bernardino CA

As a result of a recent records review, this facility has been identified as not being in compliance with Chapter 6.95 of the California Health and Safety Code (CHSC) and Title 23, Chapter 16 of California Code of Regulations (CCR). The following deficiencies are violations that may result in legal action if not corrected within 30 days:

- TITLE 23 CCR §2637 – Secondary Containment Tested – several failures noted on Jan. 23, 2009 have not been legally corrected and re-tested:

A SECONDARY CONTAINMENT TEST CONDUCTED ON Jan 23, 2009 LISTED THE FOLLOWING FAILURES:

1. 20K Red D Sec. Piping
2. 12K Sp. D Fill Sump
3. 12K Sp. D Piping Sump
4. Waste Oil Fill Sump
5. New Oil Fill Sump
6. _____
7. _____

Additional Information:

YOU ARE HEREBY ORDERED TO:

1. OBTAIN A UST MODIFICATION/REPAIR PERMIT AND SUBMIT PLANS TO MAKE ALL NECESSARY REPAIRS TO THE FAILED OR UNTESTABLE SECONDARY CONTAINMENT COMPONENTS THAT REQUIRE CORRECTION OR REPAIR WITHIN 30 DAYS.
2. UPON CORRECTION BY A PROPERLY LICENSED AND CERTIFIED CONTRACTOR, ALL FAILED OR PREVIOUSLY UNTESTED COMPONENTS SHALL BE TESTED IN THE PRESENCE OF AN INSPECTOR FROM THIS DEPARTMENT.

Failure to comply with this Notice of Violation may result in legal action by this Department.

23 CCR §2717,et al RED TAG AUTHORITY – This CUPA has the authority to place a Red Tag on all UST fill pipes at the above mentioned facility until full compliance is met, including, but not limited to testing and any permitted repairs/modifications that may be required upon inspection. Application of a Red Tag prohibits fuel delivery and may only be removed by this agency.

The San Bernardino County Fire Department reserves the right to issue an Administrative Enforcement Order or refer this matter to the District Attorney's office for review and prosecution of any or all violations which have occurred regardless of your compliance with this directive.

If you have any questions, contact the Department representative below at (909) 386-8464.

Angela Samayoa REHS

ANGELA SAMAYOA, REHS, ICC-UI
Hazardous Materials Specialist II
UST Compliance Program/LOP

REGULATORY REFERENCE: Title 23 of the California Code of Regulations §2717 et al. – Red Tag Authority.

MARK UFFER
County Administrative Officer
NORMAN A. KANOLD
Assistant County Administrative
Public and Support
Services Group

Board of Supervisors
BRAD MITZELFELT..... First District
PAUL BIANE..... Second District
NEIL BERRY..... Third District
GARY C. OVITT..... Fourth District
JOSIE GONZALES..... Fifth District

MONITORING SYSTEM CERTIFICATION

FA 0001676

For Use by All Jurisdictions Within the State of California

Authority Cited: - Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

RECEIVED
AUG 14 2008

A. General Information

Facility Name:	Vulcan Materials Company			Bldg. No:	S.B. CO. FIRE DEPT.
Site Address:	2400 West Highland Ave.		City: San Bernardino	Zip:	92407
Facility Contact Person:	Matt Branstetter		Contact Phone No.:	909.875.1150	
Make/Model of Monitoring System:	Veeder Root TLS 350		Date of Testing/Servicing:	7/16/2008	

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced

Tank ID: 20,000 gallon - DSL			**Tank ID:** 10,000 gallon DSL		
☑ In-Tank Gauging Probe.	Model:	847390-107	☑ In-Tank Gauging Probe	Model:	847390-107
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☑ Piping Sump / Trench Sensor(s).	Model:	794380-208	☑ Piping Sump / Trench Sensor(s)	Model:	794380-208
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000	☑ Mechanical Line Leak Detector	Model:	Vaporless LD 2000
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP	☑ Tank Overfill / High-Level Sensor	Model:	Mechanical/OFP
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Tank ID: Waste Oil			**Tank ID:** Bulk Oil		
☐ In-Tank Gauging Probe.	Model:		☐ In-Tank Gauging Probe	Model:	
☑ Annular Space or Vault Sensor	Model:	794390-420	☑ Annular Space or Vault Sensor.	Model:	794390-420
☐ Piping Sump / Trench Sensor(s).	Model:		☐ Piping Sump / Trench Sensor(s)	Model:	
☑ Fill Sump Sensor(s).	Model:	794380-208	☑ Fill Sump Sensor(s).	Model:	794380-208
☐ Mechanical Line Leak Detector	Model:		☐ Mechanical Line Leak Detector	Model:	
☐ Electronic Line Leak Detector	Model:		☐ Electronic Line Leak Detector	Model:	
☑ Tank Overfill / High-Level Sensor	Model:	794390-420	☑ Tank Overfill / High-Level Sensor	Model:	794390-420
☐ Other (specify equipment type and model in Section E on Page 2).			☐ Other (specify equipment type and model in Section E on Page 2).		
Dispenser ID: 1			**Dispenser ID:** 2		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☑ Dispenser Containment Sensor(s).	Model:	794380-208
☑ Shear Valve(s).			☑ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID: 3			**Dispenser ID:**		
☑ Dispenser Containment Sensor(s).	Model:	794380-208	☐ Dispenser Containment Sensor(s).	Model:	
☑ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		
Dispenser ID:			**Dispenser ID:**		
☐ Dispenser Containment Sensor(s).	Model:		☐ Dispenser Containment Sensor(s).	Model:	
☐ Shear Valve(s).			☐ Shear Valve(s).		
☐ Dispenser Containment Float(s) and Chain(s).			☐ Dispenser Containment Float(s) and Chain(s).		

If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification

I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturers' guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; *(check all that apply):* ☑ **System Setup** ☑ **Alarm History Report**

Technician Name(print):	Arthur Johnson	Signature:	
Certification No:	A25791	License. No:	5240930-UT
Testing Company Name:	Pacific Systems Electric, Inc.	Phone No:	951.698.0704
Site Address:	38330 Via La Paloma, CA 92563		

Monitoring System Certification

LLD

D. Results of Testing/Servicing

Software Version Installed: 17.02

Complete the following checklist:

☑ Yes	☐ No*	Is the audible alarm operational?
☑ Yes	☐ No*	Is the visual alarm operational?
☑ Yes	☐ No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
☑ Yes	☐ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
☐ Yes	☐ No*	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem)
	☑ N/A	operational?
☑ Yes	☐ No*	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment
	☐ N/A	monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: -which sensors initiate positive shut-down? *(Check all that apply)* ☑ Sump/Trench Sensors; ☑ Dispenser Containment Sensors. Did you confirm positive shut-down due to leaks and sensor failure/disconnection? ☑ Yes ☐ No
☐ Yes	☐ No*	For tank systems that utilize the monitoring system as the primary tank overfill warning device (i.e. no
	☑ N/A	mechanical overfill prevention valve is installed), is the overfill warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger?
☐ Yes*	☑ No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
☐ Yes*	☑ No	Was liquid found inside any secondary containment systems designed as dry systems? *(Check all that apply)* ☐ Product ☐ Water If yes, describe causes in Section E, below.
☑ Yes	☐ No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
☑ Yes	☐ No*	Is all monitoring equipment operational per manufacturer's specifications?

*** In Section E below, describe how and when these deficiencies were or will be corrected.**

E. Comments: The 10,000 gallon diesel, bulk oil and waste oil tank is a three compartment split tank sharing a common annular sensor.

F. In-Tank Gauging / SIR Equipment:

☐ Check this box if tank gauging is used only for inventory control
☐ Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

☑ Yes	☐ No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
☑ Yes	☐ No*	Were all tank gauging probes visually inspected for damage and residue buildup?
☑ Yes	☐ No*	Was accuracy of system product level readings tested?
☑ Yes	☐ No*	Was accuracy of system water level readings tested?
☑ Yes	☐ No*	Were all probes reinstalled properly?
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

G. Line Leak Detectors (LLD):

☐ Check this box if LLDs are not installed

Complete the following checklist:

☑ Yes	☐ No*	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance?
	☐ N/A	*(Check all that apply)* Simulated leak rate: ☑ 3 g.p.h.; ☐ 0.1 g.p.h ; ☐ 0.2 g.p.h.
☑ Yes	☐ No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
☑ Yes	☐ No*	Was the testing apparatus properly calibrated?
☑ Yes	☐ No*	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
	☐ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
	☑ N/A	
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled
	☑ N/A	or disconnected?
☐ Yes	☐ No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system
	☑ N/A	malfunctions or fails a test?
☐ Yes	☐ No*	For electronic LLDs, have all accessible wiring connections been visually inspected?
	☑ N/A	
☑ Yes	☐ No*	Were all items on the equipment manufacturer's maintenance checklist completed?

*** In the Section H, below, describe how and when these deficiencies were or will be corrected.**

H. Comments:

Spill Bucket Testing Report Form

This form is intended for use by contractors performing annual testing of UST spill containment structures. The completed form and printouts from tests (if applicable), should be provided to the facility owner/operator for submittal to the local regulatory agency.

1. FACILITY INFORMATION

Facility Name:	Vulcan Materials Company	Date of Testing:	7/16/2008
Facility Address:	2400 W Highland Ave, San Bernardino, CA 92407		
Facility Contact:	Matt Branstetter	Phone:	909.875.1150
Date Local Agency Was Notified of Testing : June 25, 2008			
Name of Local Agency Inspector *(if present during testing)*: Greg Beech			

2. TESTING CONTRACTOR INFORMATION

Company Name:	Pacific Systems Electric, Inc.
Technician Conducting Test:	Arthur Jones
Credentials[1]:	☑ CSLB Contractor ☑ ICC Service Tech. ☐ SWRCB Tank Tester ☐ Other *(Specify)*
License Number(s):	561275 Gen A, 52540930-UT

3. SPILL BUCKET TESTING INFORMATION

Test Method Used:	☑ Hydrostatic	☐ Vacuum	☐ Other	
Test Equipment Used: Visual observation per standard for contained spill buckets.			Equipment Resolution:	
Identify Spill Bucket *(By Tank Number, Stored Product, etc.)*	**1** **20,000 DSL Fill**	**2** **10,000 DSL Fill**	**3** **Waste Oil Fill**	**4**
Bucket Installation Type:	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☑ Contained in Sump	☐ Direct Bury ☐ Contained in Sump
Bucket Diameter:	12"	12"	12"	
Bucket Depth:	12"	12"	19"	
Wait time between applying vacuum/water and start of test:	30 min	30 min	30 min	
Test Start Time (T_I):	9:30	9:30	9:30	
Initial Reading (R_I):	5"	5"	8"	
Test End Time (T_F):	10:30	10:30	10:30	
Final Reading (R_F):	5"	5"	8"	
Test Duration ($T_F - T_I$):	60 min	60 min	60 min	
Change in Reading ($R_F - R_I$):	0	0	4"	
Pass/Fail Threshold or Criteria:	No Loss	No Loss	No Loss	
Test Result:	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**	☑ **Pass** ☐ **Fail**

Comments – *(include information on repairs made prior to testing, and recommended follow-up for failed tests)*

Bulk oil spill bucket removed and riser caped. Bulk Oil tank is part of 3-compartment split tank not being used.

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements.

Technician's Signature: Arthur Johnson Date: July 16, 2008

[1] State laws and regulations do not currently require testing to be performed by a qualified contractor. However, local requirements may be more stringent.

Pacific Systems Electric
38330 Via La Paloma
Murrieta CA 92563
California State License No. 561275
Servicing the Petroleum Industry Since 1989

Mechanical Leak Detectors Test Results

Facility Name: Vulcan Materials Company	**Inspector: Greg Beech**
Address: 2400 W Highland Ave.	**Number of Lines** 2
San Bernardino, CA 92407	**Type:** Mechanical
	Date: 07-16-08

Line Number	20,000 DSL	10,000 DSL
Test Method:	R.J. FTA	R.J. FTA
Product:	DSL	DSL
Manufacturer:	VMI	VMI
MLLD Model:	99LD2000	99LD2000
Serial Number:	02061002	02061003
Line Drain Back (ml):	182	146
L/D Trip Time: (sec)	4	6
Holding Pressure (psi):	33	29
Metering Pressure (psi):	16	16
Leak Rate: (gph)	3.0	3.0
L/D Result:	**Pass**	**Pass**

Tester: Arthur Johnson
5240930-UT

CUPA
San Bernardino County Fire Department • Hazardous Materials Division
620 South 'E' Street, San Bernardino, CA 92415-0153 • (909) 386-8401 FAX (909) 386-8460

UNDERGROUND STORAGE TANK INSPECTION REPORT

Facility Name: Vulcan Materials — Date: 7/16/08

Street Address: 2400 W Highland — Facility No. 16716

City: San Bernardino — Zip Code: 92407 — Program Record No. 2529

Facility Contact: Matt Branstetter — Facility Phone No. 909-875-1150 — Number of Tanks: 4

Refer to Title 23 of the California Code of Regulations (CCR) and Chapter 6.7 of the Health and Safety Code (CHSC). The following code sections are either in Violation (V) of, or in Compliance (C) with, the Underground Storage Tank laws and regulations, or compliance is not applicable, not addressed or unknown (N). 2527

GENERAL REQUIREMENTS		V	C	N	NARRATIVE / CORRECTIONS
302. UST permit fees paid and current 7/31/08	CHSC 25287(a)		✓		Annual Monitor Certification
303. UST application package submitted (formerly Forms A&B)	CHSC 25286(a)		✓		
308. Failure to report change of ownership within 30 days	CHSC 25284(c)			✓	Pacific Systems
306. Owner/Operator agreement available	CHSC 25284(a)(3)			✓	
307. Certificate of Financial Responsibility submitted	CHSC 25292.2(a)		✓		All sensors shutdown turbines
330. Leak Detection/Monitoring and Response Plan	CCR 2632, 2634 or 2641(h)		✓		
304. UST monitoring/maintenance records available for 3 years	CHSC 25284(c)		✓		(except fills of new oil + waste oil)
312. Designated Operator Statement submitted	CCR 2715(a)		✓		
313. Monthly inspections completed by Designated Operator	CCR 2715(c)		✓		and provide audible/visual alarm
305. Prior UST violations corrected within 30 days	CCR 2712(f)			✓	
310. Business Plan established and implemented	CHSC 25503.5		✓		
311. Business Plan submitted/updated 2/20/08	CHSC 25505		✓		
MONITORING OF UST SYSTEMS					
309. Failure to properly monitor UST	CHSC 25293		✓		Failsafe/Sensor Out - OK
331. Monitoring system(s) certified annually	CCR 2638 or 2641(j)		✓		ESO - OK
334. Audible/visual alarms operational	CCR 2632(c)(2)(B) and 2636(f)(1)		✓		Overfill alarms - OK
314. Certification sticker/tag affixed to monitoring equipment	CCR 2638(f)		✓		
318. Sensors placed at low point of UST system(s)	CCR 2630(d) or 2641(a)		✓		
319. Leak detection equipment tampered with or disabled	CHSC 25299(f)(2)			✓	LLDs small diesel -
323. Containment sump(s) free of debris/liquid	CCR 2590.21(c)(3)		✓		large diesel - pass
324. Line leak detector(s) installed and functioning properly	CCR 2636(f)(2) or 2641(f)		✓		
333. Overspill containment installed/tested annually	CHSC 25284.2		✓		
327. Overfill protection device installed/operational	CCR 2635(b)(2)		✓		
328. Secondary containment components tested	CCR 2637(a)				
329. UST system design, construction, and monitoring	CCR 2630 or 2640			✓	3 compartment UST - new oil (middle)
UNAUTHORIZED RELEASE AND ABANDONMENT					not being used at this time.
340. UST system operated to prevent unauthorized releases	CHSC 25292.1(a)			✓	
341. Failure to report unauthorized release	CHSC 25299(d)(1)			✓	
342. Unlawful abandonment of USTs	CHSC 25298(a)			✓	
343. Unlawful closure of USTs	CHSC 25298(c)			✓	
344. Failure to properly temporarily close USTs	CHSC 25298(b)			✓	All paperwork on site - available
346. Failure to upgrade or repair UST to prevent releases	CHSC 25292(d)			✓	
347. Unlawful deposit of fuel into a non-compliant UST	CHSC 25292.3			✓	
UNIFORM FIRE CODE REQUIREMENTS					
335. Emergency fuel shut-off device operational	UFC 5201.5.3		✓		
336. Impact valve(s) installed at dispenser(s)	UFC 5202.5.3.2		✓		
337. Fire extinguisher(s) present and charged	UFC 5201.9		✓		
338. Address clearly visible from street	UFC 901.4.4		✓		
OTHER REQUIREMENTS					
Significant Operational Compliance – Prevention	40 CFR Part 280				
Significant Operational Compliance – Detection	40 CFR Part 280				
Significant Operational Compliance – Both	40 CFR Part 280				

☐ NOTICE OF VIOLATION: THE VIOLATIONS NOTED ABOVE MUST BE CORRECTED WITHIN ____ DAYS. FAILURE TO COMPLY MAY RESULT IN LEGAL ACTION. THE CERTIFICATE OF COMPLIANCE SHALL BE SUBMITTED WITHIN THE TIME PERIOD NOTED ABOVE.

Inspector: Corey Beard — Received by: Matt Branstetter — Title: Plant Manager

FA 0001676

Pacific Systems Electric, Inc.

38330 Via La Paloma
Murrieta California 92563
California State License No. 561275
Servicing the Petroleum Industry Since 1989

July 11, 2008

San Bernardino County Fire Dept.
Hazardous Materials Division
620 South E Street
San Bernardino CA 92415-0153

RE: Vulcan Materials Company
2400 West Highland
San Bernardino, CA 92407

Subject: Business Plan

Please find attached the following information:

Updated Business Plan for year starting July 15, 2008

Should you need anything else please contact the undersigned.

Sincerely,

Dennis Minnock

enc: UST Facility
Monitoring Plan
Response Plan
UST Tank Pages
Plot Plan
Financial Responsibility
CFO Letter

RECEIVED
JUL 14 2008
S.B. CO. FIRE DEPT.

LLD

951.677.0704 Fax 951.698.5436 888.293.5944

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JUL 14 2008
S.B. CO. FIRE DEPT

...FIED PROGRAM CONSOLIDATED FO...
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION – FACILITY INFORMATION

(One form per facility)

TYPE OF ACTION (Check one item only) 400.
☐ 1. NEW PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 7. PERMANENT FACILITY CLOSURE
☑ 3. RENEWAL PERMIT ☐ 6. TEMPORARY FACILITY CLOSURE ☐ 9. TRANSFER PERMIT

I. FACILITY INFORMATION

TOTAL NUMBER OF USTs AT FACILITY 404.

FACILITY ID # (Agency Use Only) 1.

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3.
VULCAN MATERIALS COMPANY

BUSINESS SITE ADDRESS 103.
2400 W HIGHLAND AVE

CITY 104.
SAN BERNARDINO

FACILITY TYPE 403.
☐ 1. MOTOR VEHICLE FUELING ☐ 2. FUEL DISTRIBUTION
☐ 3. FARM ☐ 4. PROCESSOR ☑ 6. OTHER

Is the facility located on Indian Reservation or Trust lands? 405.
☐ Yes ☑ No

II. PROPERTY OWNER INFORMATION

PROPERTY OWNER NAME 407.
VULCAN MATERIALS COMPANY

PHONE 408.
(909) 875-1150

MAILING ADDRESS 409.
2400 WEST HIGHLAND AVE

CITY 410.
SAN BERNARDINO

STATE 411.
CA

ZIP CODE 412.
92407

III. TANK OPERATOR INFORMATION

TANK OPERATOR NAME 428-1.
VULCAN MATERIALS COMPANY

PHONE 428-2
(909) 875-1150

MAILING ADDRESS 428-3
2400 WEST HIGHLAND AVE.

CITY 428-4
SAN BERNARDINO

STATE 428-5
CA

ZIP CODE 428-6
92407

IV. TANK OWNER INFORMATION

TANK OWNER NAME 414.
VULCAN MATERIALS COMPANY

PHONE 415.
(909) 875-1150

MAILING ADDRESS 416.
2400 WEST HIGHLAND AVE.

CITY 417.
SAN BERNARDINO

STATE 418.
CA

ZIP CODE 419.
92407

OWNER TYPE: 420.
☐ 4. LOCAL AGENCY/DISTRICT ☐ 5. COUNTY AGENCY ☐ 6. STATE AGENCY
☐ 7. FEDERAL AGENCY ☑ 8. NON-GOVERNMENT

V. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44- 0 1 1 1 5 3 421.

Call the State Board of Equalization, Fuel Tax Division, if there are questions.

VI. PERMIT HOLDER INFORMATION

Issue permit and send legal notifications and mailings to: 423
☑ 1. FACILITY OWNER ☐ 4. TANK OPERATOR
☐ 3. TANK OWNER ☐ 5. FACILITY OPERATOR

SUPERVISOR OF DIVISION, SECTION, OR OFFICE (Required For Public Agencies Only) 406.

VII. APPLICANT SIGNATURE

CERTIFICATION: I certify that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE
Dennis Minnock

DATE 424.
JULY 11, 2008

PHONE 425.
(714) 713-9529

APPLICANT NAME (print) 426.
DENNIS MINNOCK

APPLICANT TITLE 427
DESIGNATED TANK OPERATOR

UNDERGROUND STORAGE TANK

RESPONSE PLAN – PAGE 1

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JUL 14 2006
S.B. CO. FIRE DEPT.

(One form per facility)

TYPE OF ACTION ☐ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION R01.

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)* | | | – | | | | – | | | | | | | |

BUSINESS NAME (Same as FACILITY NAME) R02.
VULCAN MATERIALS COMPANY

BUSINESS SITE ADDRESS R03. 2400 WEST HIGHLAND AVE | CITY R04. SAN BERNARDINO

II. SPILL CONTROL AND CLEANUP METHODS

This plan addresses unauthorized releases from UST systems and supplements the emergency response plans and procedures in the facility's Hazardous Materials Business Plan.

- If safe to do so, facility personnel will take immediate measures to control or stop any release (e.g., activate pump shut-off, etc.) and, if necessary, safely remove remaining hazardous material from the UST system.
- Any release to secondary containment will be pumped or otherwise removed within a time consistent with the ability of the secondary containment system to contain the hazardous material, but not greater than 30 calendar days, or sooner if required by the local agency. Recovered hazardous materials, unless still suitable for their intended use, will be managed as hazardous waste.
- Absorbent material will be used to contain and clean up manageable spills of hazardous materials. Absorbent material may be reused until it becomes too saturated to be effective. It will then be managed properly. Used absorbent material, reusable or waste, will be stored in a properly labeled and sealed container.
- Facility personnel will determine whether any water removed from secondary containment systems, or from clean-up activity, has been in contact with any hazardous material. If the water is contaminated, it will be managed as hazardous waste. If the water has a petroleum sheen (i.e., rainbow colors), it is contaminated. A thick floating petroleum layer may not necessarily display rainbow colors. Water (hazardous or non-hazardous) from sumps, spill containers, etc. will not be disposed to storm water systems.
- We will review secondary containment systems for possible deterioration if any of the following conditions occur:
  1. Hazardous material in contact with secondary containment is not compatible with the material used for secondary containment;
  2. Secondary containment is prone to damage from any equipment used to remove or clean up hazardous material collected in secondary containment;
  3. Hazardous material, other than the product/waste stored in the primary containment system, is placed inside secondary containment to treat or neutralize released product/waste, and the added material or resulting material from such a combination is not compatible with secondary containment.

III. SPILL CONTROL AND CLEAN-UP EQUIPMENT

PERIODIC MAINTENANCE: Spill control and clean-up equipment kept permanently on-site is listed in the facility's Hazardous Materials Business Plan. This equipment is inspected at least monthly, and after each use, supplies are replenished as needed. Defective equipment is repaired or replaced as necessary.

EQUIPMENT NOT PERMANENTLY ON-SITE, BUT AVAILABLE FOR USE IF NEEDED: (Complete only if applicable)

EQUIPMENT	LOCATION	AVAILABILITY
R10.	R20.	R30.
R11.	R21.	R31.
R12.	R22.	R32.
R13.	R23.	R33.
R14.	R24.	R34.
R15.	R25.	R35.

IV. RESPONSIBLE PERSONS

THE FOLLOWING PERSON(S) IS/ARE RESPONSIBLE FOR AUTHORIZING ANY WORK NECESSARY UNDER THIS RESPONSE PLAN:

NAME R40. MATT BRANSTETTER	TITLE R50. PLANT MANAGER
NAME R41. CURT ARNETT	TITLE R51. PLANT SUPERVISOR
NAME R42. FLOYD SIBLOBE	TITLE R52. ASSISTANT PLANT SUPERVISOR
NAME R43.	TITLE R53.

V. INDIRECT HAZARD DETERMINATION

This information is required only when the presence of the hazardous substance can not be verified directly by the monitoring method used (e.g., where liquid level measurements in a tank annular space or secondary piping are used as the basis for leak determination).

THE FOLLOWING STEPS WILL BE TAKEN TO VERIFY THE PRESENCE OR ABSENCE OF HAZARDOUS SUBSTANCE IN THE SECONDARY CONTAINMENT IF MONITORING INDICATES A POSSIBLE UNAUTHORIZED RELEASE:

R60.

UNDERGROUND STORAGE TANK

RESPONSE PLAN – PAGE 2

VI. LEAK INTERCEPTION AND DETECTION SYSTEM

This information is required only for motor vehicle fuel UST systems constructed per the Alternate Construction Requirements of 23 CCR §2633, and only if the Leak Interception and Detection System (LIDS) does not meet the volumetric requirements of 23 CCR §2631(d)(1) through (5) (i.e., when accounting for rainfall and backfill material, the secondary containment volume is less than 100% of primary tank volume for a single UST; or in the case of multiple USTs in shared secondary containment, 150% of the largest primary tank volume or 10% of aggregate primary tank volume, whichever is greater).

ATTACH AN ADDITIONAL PAGE TO THIS PLAN CONTAINING THE FOLLOWING INFORMATION:

- The volume of the LIDS in relation to the volume of the primary container;
- The amount of time the LIDS shall provide containment related to the time between detection of an unauthorized release and cleanup of the leaked substance;
- The depth from the bottom of the LIDS to the highest anticipated level of groundwater;
- The nature of the unsaturated soils under the LIDS and their ability to absorb contaminants or to allow movement of contaminants;
- The methods and scheduling for removal of all hazardous substances which may have been discharged from primary containment and are located in the unsaturated soils between the primary containment and groundwater, including the LIDS sump.

VII. REPORTING AND RECORD KEEPING

We will report/record any overfill, spill, or unauthorized release from a UST system as indicated in this plan.

Recordable Releases: Any unauthorized release from primary containment which the UST operator is able to clean up within eight (8) hours after the release was detected or should reasonably have been detected, and which does not escape from secondary containment, does not increase the hazard of fire or explosion, and does not cause any deterioration of secondary containment, must be recorded in the facility's monitoring records. Monitoring records must include:

- The UST operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous substances released;
- A description of the actions taken to control and clean up the release;
- The method and location of disposal of the released hazardous substances, and whether a hazardous waste manifest was or will be used;
- A description of actions taken to repair the UST and to prevent future releases;
- A description of the method used to reactivate interstitial monitoring after replacement or repair of primary containment.

Reportable Releases: Any overfill, spill, or unauthorized release which escapes from secondary containment (or primary containment if no secondary containment exists), increases the hazard of fire or explosion, or causes any deterioration of secondary containment, is a reportable release. Reportable releases are also recordable.

Within 24 hours after a reportable release has been detected, or should have been detected, we will notify the local agency administering the UST program of the release, investigate the release, and take immediate measures to stop the release. If necessary, or if required by the local agency, remaining stored product/waste will be removed from the UST to prevent further releases or facilitate corrective action. If an emergency exists, we will notify the State Office of Emergency Services.

Within five (5) working days of a reportable release, we will submit to the local agency a full written report containing all of the following information to the extent that the information is known at the time of filing the report:

- The UST owner's or operator's name and telephone number;
- A list of the types, quantities, and concentrations of hazardous materials released;
- The approximate date of the release;
- The date on which the release was discovered;
- The date on which the release was stopped;
- A description of actions taken to control and/or stop the release;
- A description of corrective and remedial actions, including investigations which were undertaken and will be conducted to determine the nature and extent of soil, ground water or surface water contamination due to the release;
- The method(s) of cleanup implemented to date, proposed cleanup actions, and a schedule for implementing the proposed actions;
- The method(s) and location(s) of disposal of released hazardous materials and any contaminated soils, groundwater, or surface water.
- Copies of any hazardous waste manifests used for off-site transport of hazardous wastes associated with clean-up activity;
- A description of proposed methods for any repair or replacement of UST system primary/secondary containment systems;
- A description of additional actions taken to prevent future releases.

We will follow the reporting procedures described above if any of the following conditions occur:

- A recordable unauthorized release can not be cleaned up or is still under investigation within eight (8) hours of detection;
- Released hazardous substances are discovered at the UST site or in the surrounding area;
- Unusual operating conditions are observed, including erratic behavior of product dispensing equipment, sudden loss of product, or the unexplained presence of water in the tank, unless system equipment is found to be defective and is immediately repaired or replaced, and no leak has occurred;
- Monitoring results from UST system monitoring equipment/methods indicate that a release may have occurred, unless the monitoring equipment is found to be defective and is immediately repaired, recalibrated, or replaced, and additional monitoring does not confirm the initial results.

Record Retention: Monitoring records and written reports of unauthorized releases must be maintained on-site (or off-site at a readily available location, if approved by the local agency) for at least 3 years. Hazardous waste shipping/disposal records (e.g., manifests) must be maintained for at least 3 years from the date of shipment.

VIII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

OWNER/OPERATOR SIGNATURE	DATE R70.
Dennis Minnock	July 11, 2008
OWNER/OPERATOR NAME (print) R71.	OWNER/OPERATOR TITLE R72.
DENNIS MINNOCK	DESIGNATED TANK OPERATOR

(Agency Use Only) This plan has been reviewed and: ☐ Approved ☐ Approved With Conditions ☐ Disapproved

Local Agency Signature: _____ Date: _____

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK MONITORING PLAN – (Page 1 of 2)

RECEIVED JUL 14 2008

TYPE OF ACTION ☐ 1. NEW PLAN ☑ 2. CHANGE OF INFORMATION 490-1

PLAN TYPE ☑ 1. MONITORING IS IDENTICAL FOR ALL USTs AT THIS FACILITY. 490-2

(Check one item only) ☐ 2. THIS PLAN COVERS ONLY THE FOLLOWING UST SYSTEM(S): S.B. CO. FIRE DEPT.

I. FACILITY INFORMATION

FACILITY ID # (*Agency Use Only*) 1

BUSINESS NAME (Same as FACILITY NAME) VULCAN MATERIALS COMPANY 3.

BUSINESS SITE ADDRESS 2400 W. HIGHLAND AVE. 103. CITY SAN BERNARDINO 104.

II. EQUIPMENT TESTING AND PREVENTIVE MAINTENANCE

Testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors, probes, line leak detectors, etc.) must be performed at the frequency specified by the equipment manufacturers' instructions, or annually, whichever is more frequent, and that such work must be performed by qualified personnel. (23 CCR §2632, 2634, 2638, 2641)

MONITORING EQUIPMENT IS SERVICED ☑ 1. ANNUALLY ☐ 99. OTHER (Specify): 490-3a 490-3b

III. MONITORING LOCATIONS

☑ **1. NEW SITE PLOT PLAN/MAP SUBMITTED WITH THIS PLAN.** ☐ **2. SITE PLOT PLAN/MAP PREVIOUSLY SUBMITTED. (23 CCR §2632, 2634)** 490-4

IV. TANK MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S):

☑ **1. CONTINUOUS ELECTRONIC TANK MONITORING OF ANNULAR (INTERSTITIAL) SPACE(S) OR SECONDARY CONTAINMENT VAULT(S) WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2632, 2634)** 490-5

SECONDARY CONTAINMENT IS: ☑ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-6

PANEL MANUFACTURER: VEEDER ROOT 490-7. MODEL #: TLS-350 490-8

LEAK SENSOR MANUFACTURER: VEEDER ROOT 490-9. MODEL #(S): 420 490-10

☐ **2. AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR SINGLE WALL TANK(S). (23 CCR §2643)** 490-11

PANEL MANUFACTURER: 490-12. MODEL #: 490-13

IN-TANK PROBE MANUFACTURER: 490-14. MODEL #(S): 490-15

LEAK TEST FREQUENCY: ☐ a. CONTINUOUS ☐ b. DAILY/NIGHTLY ☐ c. WEEKLY 490-16

☐ d. MONTHLY ☐ e. OTHER (Specify): _____ 490-17

PROGRAMMED TESTS: ☐ a. 0.1 g.p.h. ☐ b. 0.2 g.p.h. ☐ c. OTHER (Specify): _____ 490-18 490-19

☐ **3. MONTHLY STATISTICAL INVENTORY RECONCILIATION (23 CCR §2646.1):** 490-20

☐ **4. WEEKLY MANUAL TANK GAUGING (MTG) (23 CCR §2645).** TESTING PERIOD: ☐ a. 36 HOURS ☐ b. 60 HOURS 490-21 490-22

☐ **5. TANK INTEGRITY TESTING (23 CCR §2643.1):** 490-23

TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. BIENNIALLY ☐ c. OTHER (Specify): 490-24 490-25

☐ 99. **OTHER** (Specify): 490-26 490-27

V. PIPE MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply)

☑ **1. CONTINUOUS MONITORING OF PIPE/ PIPING SUMP(S) AND OTHER SECONDARY CONTAINMENT WITH AUDIBLE AND VISUAL ALARMS. (23 CCR §2636)** 490-28

SECONDARY CONTAINMENT IS: ☑ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-29

PANEL MANUFACTURER: VEEDER ROOT 490-30 MODEL #: TLS 350 490-31

LEAK SENSOR MANUFACTURER: VEEDER ROOT 490-32 MODEL #(S): 208 490-33

PIPING LEAK ALARM TRIGGERS AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN. ☑ a. YES ☐ b. NO 490-34

FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☑ a. YES ☐ b. NO 490-35

☑ **2. MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS AND RESTRICTS OR SHUTS OFF PRODUCT FLOW WHEN A LEAK IS DETECTED (23 CCR §2636)** 490-36

MLLD MANUFACTURER(S): VAPORLESS MFG 490-37 MODEL #(S): LD-2000 490-38

☐ **3. ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS (23 CCR §2636)** 490-39

ELLD MANUFACTURER(S) 490-40. MODEL #(S): 490-41

PROGRAMMED IN LINE LEAK TEST: ☐ 1. MINIMUM MONTHLY 0.2 g.p.h. ☐ 2. MINIMUM ANNUAL 0.1 g.p.h. 490-42

ELLD DETECTION OF A PIPING LEAK TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-43

ELLD FAILURE/DISCONNECTION TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-44

☐ **4. PIPE INTEGRITY TESTING** 490-45

TEST FREQUENCY ☐ a. ANNUALLY ☐ b. EVERY 3 YEARS ☐ c. OTHER (Specify) 490-46 490-47

☐ **5. VISUAL PIPE MONITORING.** 490-48

FREQUENCY ☐ a. DAILY ☐ b. WEEKLY ☐ c. MIN. MONTHLY & EACH TIME SYSTEM OPERATED* 490-49

* Allowed for monitoring of unburied emergency generator fuel piping only per HSC §25281.5(b)(3)

☐ **6. SUCTION PIPING MEETS EXEMPTION CRITERIA [23 CCR §2636(a)(3)].** 490-50

☐ **7. NO REGULATED PIPING PER HEALTH AND SAFETY CODE, DIVISION 20, CHAPTER 6.7 IS CONNECTED TO THE TANK SYSTEM** 490-51

☐ 99. **OTHER** (Specify) 490-52 490-53

NIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN (Page 2 of 2)

VI. UNDER DISPENSER CONTAINMENT (UDC) MONITORING

1. UDC MONITORING IS PERFORMED USING THE FOLLOWING METHOD 490-54a 490-54b

☑ 1. CONTINUOUS ELECTRONIC MONITORING ☐ 2. FLOAT AND CHAIN ASSEMBLY ☐ 3. ELECTRONIC STAND-ALONE
☐ 4. NO DISPENSERS ☐ 99. OTHER (Specify):

PANEL MANUFACTURER: VEEDER ROOT	490-55	MODEL #: TLS-350	490-56.
LEAK SENSOR MANUFACTURER: VEEDER ROOT	490-57	MODEL #(S): 208	490-58

DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS	☑ a. YES	☐ b. NO	490-59
UDC LEAK ALARM TRIGGERS AUTOMATIC PUMP SHUTDOWN	☑ a. YES	☐ b. NO	490-60.
FAILURE / DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN.	☑ a. YES	☐ b. NO	490-61
UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER.	☑ a. YES	☐ b. NO	490-62

2. UDC CONSTRUCTION IS ☑ 1. SINGLE-WALLED ☐ 2. DOUBLE-WALLED 490-63

IF DOUBLE WALLED: 490-64a
UDC INTERSTITIAL SPACE IS MONITORED BY: ☐ 1. LIQUID ☐ 2. PRESSURE ☐ 3. VACUUM

A LEAK WITHIN THE SECONDARY CONTAINMENT OF THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS ☐ a. YES ☐ b. NO 490-64b

VII. PERIODIC SYSTEM TESTING

☐ 1. **ELD TESTING**: THIS FACILITY HAS BEEN NOTIFIED BY THE STATE WATER RESOURCES CONTROL BOARD THAT ENHANCED LEAK DETECTION (ELD) MUST BE PERFORMED. PERIODIC ELD IS PERFORMED EVERY 36 MONTHS AS REQUIRED. (23 CCR §2644.1) 490-65.

☑ 2. **SECONDARY CONTAINMENT COMPONENTS ARE TESTED EVERY 36 MONTHS.** 490-66

☑ 3. **SPILL BUCKETS ARE TESTED ANNUALLY.** 490-67

VIII. RECORDKEEPING

The following monitoring/maintenance records are kept for this facility:
☑ Alarm logs 490-68a ☑ Visual Inspection Records 490-68b ☐ Tank integrity testing results 490-68c
☐ SIR testing results (and supporting documentation records). 490-68d ☐ Tank gauging results (and supporting documentation records). 490-68e
☐ ATG Testing results (and supporting documentation records). 490-68f ☐ Corrosion Protection 60-day logs 490-68g
☑ Equipment maintenance and calibration records. 490-68h

IX. TRAINING

☐ Personnel with UST monitoring responsibilities are familiar with all of the following documents relevant to their job duties. 490-69a

REFERENCE DOCUMENTS MAINTAINED AT FACILITY (Check all that apply)
☑ THIS UNDERGROUND STORAGE TANK MONITORING PLAN (Required) 490-69b
☑ OPERATING MANUALS FOR ELECTRONIC MONITORING EQUIPMENT (Required) 490-69c
☑ CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS 490-69d
☐ CALIFORNIA UNDERGROUND STORAGE TANK LAW 490-69e
☐ STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION: "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION" 490-69f
☐ SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS" 490-69g
☐ OTHER (Specify): M69h, M69i

☑ This facility has a "Designated UST Operator" who has passed the California UST System Operator Exam administered by the International Code Council (ICC). The "Designated UST Operator" will train facility employees in the proper operation and maintenance of the UST systems annually, and within 30 days of hire. This training will include, but is not limited to, the following:
- Operation of the UST systems in a manner consistent with the facility's best management practices
- The facility employee's role with regard to the monitoring equipment as specified in this UST Monitoring Plan
- The facility employee's role with regard to spills and overfills as specified in the UST Response Plan
- Names of contact person(s) for emergencies and monitoring alarms. 490-70

X. COMMENTS/ADDITIONAL INFORMATION

Provide additional comments here or indicate how many pages with additional information on specific monitoring procedures are attached to this plan. 490-71

XI. PERSONNEL RESPONSIBILITIES

The UST Owner/Operator is responsible for ensuring that: 1) the daily/routine UST monitoring activities and maintenance of UST leak detection equipment covered by this plan occurs, 2) all conditions that indicate a possible release are investigated, and 3) all monitoring records are maintained properly.
The following person(s) are responsible for performing the monitoring and equipment maintenance:

NAME ARTHUR JOHNSON 490-72 TITLE TECHNICIAN, PACIFIC SYSTEMS ELECTRIC, INC. 490-73

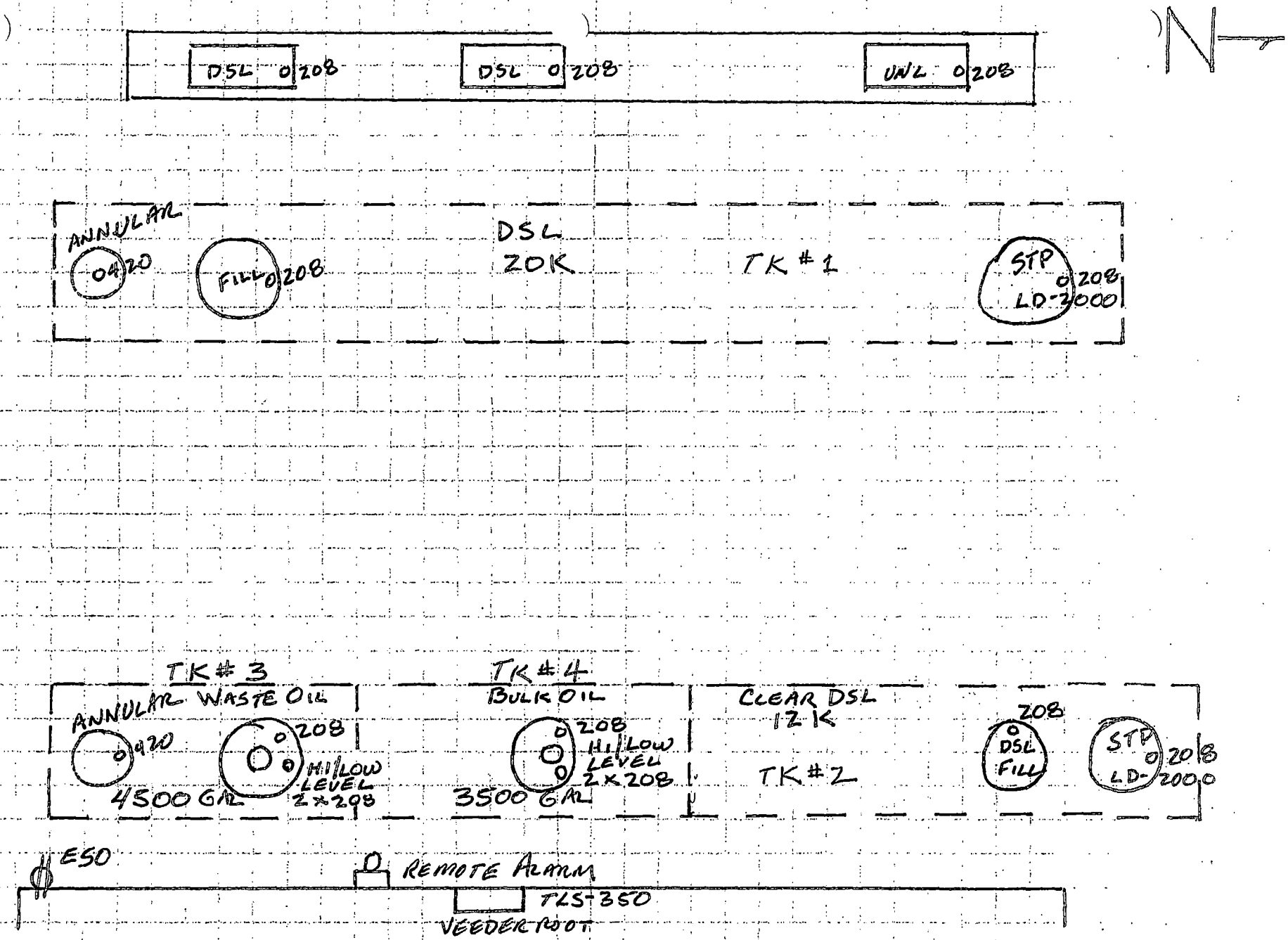
NAME 490-74 TITLE 490-75

The Designated Operator shall perform a monthly visual inspection of the facility, provide a report to the owner/operator, and inform the owner/operator of any conditions that need follow-up action.

XII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

APPLICANT SIGNATURE 490-76 Dennis Mennicke DESIGNATED TANK OPERATOR REPRESENTING: ☐ 1. Tank Owner/Operator ☐ 2. Facility Owner/Operator ☑ 3. Authorized Representative of Owner	DATE: 490-77 JULY 11, 2008
APPLICANT NAME (print): 490-78	APPLICANT TITLE: 490-79



VULCAN MATERIALS Co. — SITE PLAN
2400 W HIGHLAND, SAN BERNARDINO

RECEIVED
JUL 14 2008
SB CO FIRE DEPT.

IFIED PROGRAM CONSOLIDATED F I
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION – TANK INFORMATION (One form per UST)

TYPE OF ACTION (Check one item only. For an UST permanent closure or removal, complete only this section and Sections I, II, III, IV, and IX below) 430

☐ 1. NEW PERMIT ☑ 3. RENEWAL PERMIT ☐ 5. CHANGE OF INFORMATION
☐ 6. TEMPORARY UST CLOSURE ☐ 7. UST PERMANENT CLOSURE ON SITE ☐ 8. UST REMOVAL

DATE UST PERMANENTLY CLOSED: 430a | DATE EXISTING UST DISCOVERED: 430b

I. FACILITY INFORMATION

FACILITY ID # (*Agency Use Only*) 1

BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) 3
VULCAN MATERIALS COMPANY

BUSINESS SITE ADDRESS 103
2400 W HIGHLAND AVE

CITY 104
SAN BERNARDINO

II. TANK DESCRIPTION

TANK ID # 432
1

TANK MANUFACTURER 433
JOOR

TANK CONFIGURATION: THIS TANK IS 434
☑ 1. A STAND-ALONE TANK
☐ 2. ONE IN A COMPARTMENTED UNIT.
Complete one page for each compartment in the unit.

DATE UST SYSTEM INSTALLED 435

TANK CAPACITY IN GALLONS 436
20,000

NUMBER OF COMPARTMENTS IN THE UNIT 437
0

III. TANK USE AND CONTENTS

TANK USE 439
☑ 1a. MOTOR VEHICLE FUELING ☐ 1b. MARINA FUELING ☐ 1c. AVIATION FUELING
☐ 3. CHEMICAL PRODUCT STORAGE ☐ 4. HAZARDOUS WASTE (Includes Used Oil) ☐ 5. EMERGENCY GENERATOR FUEL [HSC §25281.5(c)]
☐ 6. OTHER GENERATOR FUEL ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 439a

CONTENTS PETROLEUM: 440
☐ 1a. REGULAR UNLEADED ☐ 1c. MIDGRADE UNLEADED ☐ 1b. PREMIUM UNLEADED
☑ 3. DIESEL ☐ 5. JET FUEL ☐ 6. AVIATION GAS
☐ 8. PETROLEUM BLEND FUEL ☐ 9. OTHER PETROLEUM (Specify): 440a

NON-PETROLEUM: ☐ 7. USED OIL ☐ 10. ETHANOL
☐ 11. OTHER NON-PETROLEUM (Specify): 440b

IV. TANK CONSTRUCTION

TYPE OF TANK ☐ 1. SINGLE WALL ☑ 2. DOUBLE WALL ☐ 95. UNKNOWN 443

PRIMARY CONTAINMENT 444
☑ 1. STEEL ☐ 3. FIBERGLASS ☐ 6. INTERNAL BLADDER
☐ 7. STEEL + INTERNAL LINING ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 444a

SECONDARY CONTAINMENT 445
☐ 1. STEEL ☑ 3. FIBERGLASS ☐ 6. EXTERIOR MEMBRANE LINER ☐ 7. JACKETED
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 445a

OVERFILL PREVENTION 452.
☑ 1. AUDIBLE & VISUAL ALARMS ☑ 2. BALL FLOAT ☑ 3. FILL TUBE SHUT-OFF VALVE
☐ 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

V. PRODUCT / WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION ☐ 1. SINGLE-WALLED ☑ 2. DOUBLE-WALLED ☐ 99. OTHER 460

SYSTEM TYPE ☑ 1. PRESSURE ☐ 2. GRAVITY ☐ 3. CONVENTIONAL SUCTION ☐ 4. SAFE SUCTION [23 CCR §2636(a)(3)] 458

PRIMARY CONTAINMENT 464
☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE ☑ 10. RIGID PLASTIC
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER(Specify): 464a

SECONDARY CONTAINMENT 464b
☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE ☑ 10. RIGID PLASTIC
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 464c

PIPING/TURBINE CONTAINMENT SUMP TYPE ☑ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 90. NONE 464d

VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION

VENT PRIMARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☑ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464e 464e1
VENT SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☑ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464f 464f1
VR PRIMARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464g 464g1
VR SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464h 464h1
VENT PIPING TRANSITION SUMP TYPE	☐ 1. SINGLE WALL		☐ 2. DOUBLE WALL	☐ 90. NONE		464i.
RISER PRIMARY CONTAINMENT	☑ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464j 464j1
RISER SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464k 464k1

FILL COMPONENTS INSTALLED ☑ 1. SPILL BUCKET ☑ 3. STRIKER PLATE/BOTTOM PROTECTOR ☑ 4. CONTAINMENT SUMP 451a-c

VII. UNDER DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE ☑ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 3. NO DISPENSERS ☐ 90. NONE 469a

CONSTRUCTION MATERIAL ☐ 1. STEEL ☐ 4. FIBERGLASS ☑ 10. RIGID PLASTIC ☐ 99. OTHER (Specify) 469b-c

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION ☐ 2. SACRIFICIAL ANODE(S) ☐ 4. IMPRESSED CURRENT ☐ 6. ISOLATION 448.

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE Dennis Minnock | DATE 470. JULY 11, 2008

APPLICANT NAME (print) 471. DENNIS MINNOCK | APPLICANT TITLE 472. DESIGNATED TANK OPERATOR

IFIED PROGRAM CONSOLIDATED F[illegible]
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION – TANK INFORMATION (One form per UST)

TYPE OF ACTION (Check one item only. For an UST permanent closure or removal, complete only this section and Sections I, II, III, IV, and IX below) 430
- ☐ 1. NEW PERMIT
- ☑ 3. RENEWAL PERMIT
- ☐ 5. CHANGE OF INFORMATION
- ☐ 6. TEMPORARY UST CLOSURE
- ☐ 7. UST PERMANENT CLOSURE ON SITE
- ☐ 8. UST REMOVAL

DATE UST PERMANENTLY CLOSED: 430a | DATE EXISTING UST DISCOVERED: 430b

I. FACILITY INFORMATION

FACILITY ID # (*Agency Use Only*) 1

BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) 3
VULCAN MATERIALS COMPANY

BUSINESS SITE ADDRESS 103: 2400 W HIGHLAND AVE | CITY 104: SAN BERNARDINO

II. TANK DESCRIPTION

TANK ID # 432: Z 1 | TANK MANUFACTURER 433: JOOR | TANK CONFIGURATION: THIS TANK IS 434
- ☐ 1. A STAND-ALONE TANK
- ☑ 2. ONE IN A COMPARTMENTED UNIT.
Complete one page for each compartment in the unit.

DATE UST SYSTEM INSTALLED 435: 1987 - 03 | TANK CAPACITY IN GALLONS 436: 12,000 | NUMBER OF COMPARTMENTS IN THE UNIT 437: 3 TOTAL

III. TANK USE AND CONTENTS

TANK USE 439
- ☑ 1a. MOTOR VEHICLE FUELING
- ☐ 1b. MARINA FUELING
- ☐ 1c. AVIATION FUELING
- ☐ 3. CHEMICAL PRODUCT STORAGE
- ☐ 4. HAZARDOUS WASTE (Includes Used Oil)
- ☐ 5. EMERGENCY GENERATOR FUEL [HSC §25281.5(c)]
- ☐ 6. OTHER GENERATOR FUEL
- ☐ 95. UNKNOWN
- ☐ 99. OTHER (Specify): 439a

CONTENTS 440
PETROLEUM:
- ☐ 1a. REGULAR UNLEADED
- ☐ 1c. MIDGRADE UNLEADED
- ☐ 1b. PREMIUM UNLEADED
- ☑ 3. DIESEL
- ☐ 5. JET FUEL
- ☐ 6. AVIATION GAS
- ☐ 8. PETROLEUM BLEND FUEL
- ☐ 9. OTHER PETROLEUM (Specify): 440a

NON-PETROLEUM:
- ☐ 7. USED OIL
- ☐ 10. ETHANOL
- ☐ 11. OTHER NON-PETROLEUM (Specify): 440b

IV. TANK CONSTRUCTION

TYPE OF TANK 443
- ☐ 1. SINGLE WALL
- ☑ 2. DOUBLE WALL
- ☐ 95. UNKNOWN

PRIMARY CONTAINMENT 444
- ☑ 1. STEEL
- ☐ 3. FIBERGLASS
- ☐ 6. INTERNAL BLADDER
- ☐ 7. STEEL + INTERNAL LINING
- ☐ 95. UNKNOWN
- ☐ 99. OTHER (Specify): 444a

SECONDARY CONTAINMENT 445
- ☐ 1. STEEL
- ☑ 3. FIBERGLASS
- ☐ 6. EXTERIOR MEMBRANE LINER
- ☐ 7. JACKETED
- ☐ 90. NONE
- ☐ 95. UNKNOWN
- ☐ 99. OTHER (Specify): 445a

OVERFILL PREVENTION 452.
- ☑ 1. AUDIBLE & VISUAL ALARMS
- ☑ 2. BALL FLOAT
- ☑ 3. FILL TUBE SHUT-OFF VALVE
- ☐ 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

V. PRODUCT / WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION 460
- ☐ 1. SINGLE-WALLED
- ☑ 2. DOUBLE-WALLED
- ☐ 99. OTHER

SYSTEM TYPE 458
- ☑ 1. PRESSURE
- ☐ 2. GRAVITY
- ☐ 3. CONVENTIONAL SUCTION
- ☐ 4. SAFE SUCTION [23 CCR §2636(a)(3)]

PRIMARY CONTAINMENT 464
- ☐ 1. STEEL
- ☐ 4. FIBERGLASS
- ☐ 8. FLEXIBLE
- ☑ 10. RIGID PLASTIC
- ☐ 90. NONE
- ☐ 95. UNKNOWN
- ☐ 99. OTHER(Specify): 464a

SECONDARY CONTAINMENT 464b
- ☐ 1. STEEL
- ☐ 4. FIBERGLASS
- ☐ 8. FLEXIBLE
- ☑ 10. RIGID PLASTIC
- ☐ 90. NONE
- ☐ 95. UNKNOWN
- ☐ 99. OTHER (Specify): 464c

PIPING/TURBINE CONTAINMENT SUMP TYPE 464d
- ☐ 1. SINGLE WALL
- ☑ 2. DOUBLE WALL
- ☐ 90. NONE

VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION

VENT PRIMARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☑ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464e / 464e1
VENT SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☑ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464f / 464f1
VR PRIMARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464g / 464g1
VR SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464h / 464h1
VENT PIPING TRANSITION SUMP TYPE	☐ 1. SINGLE WALL		☐ 2. DOUBLE WALL	☐ 90. NONE		464i.
RISER PRIMARY CONTAINMENT	☑ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464j / 464j1
RISER SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464k / 464k1

FILL COMPONENTS INSTALLED 451a-c
- ☑ 1. SPILL BUCKET
- ☑ 3. STRIKER PLATE/BOTTOM PROTECTOR
- ☑ 4. CONTAINMENT SUMP

VII. UNDER DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE 469a
- ☑ 1. SINGLE WALL
- ☐ 2. DOUBLE WALL
- ☐ 3. NO DISPENSERS
- ☐ 90. NONE

CONSTRUCTION MATERIAL 469b-c
- ☐ 1. STEEL
- ☐ 4. FIBERGLASS
- ☑ 10. RIGID PLASTIC
- ☐ 99. OTHER (Specify)

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION 448.
- ☐ 2. SACRIFICIAL ANODE(S)
- ☐ 4. IMPRESSED CURRENT
- ☐ 6. ISOLATION

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE: Dennis Minnock | DATE 470.: JULY 11, 2008

APPLICANT NAME (print) 471.: DENNIS MINNOCK | APPLICANT TITLE 472.: DESIGNATED TANK OPERATOR

IFIED PROGRAM CONSOLIDATED F[illegible]
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION – TANK INFORMATION (One form per UST)

TYPE OF ACTION (Check one item only. For an UST permanent closure or removal, complete only this section and Sections I, II, III, IV, and IX below) 430
- ☐ 1. NEW PERMIT
- ☑ 3. RENEWAL PERMIT
- ☐ 5. CHANGE OF INFORMATION
- ☐ 6. TEMPORARY UST CLOSURE
- ☐ 7. UST PERMANENT CLOSURE ON SITE
- ☐ 8. UST REMOVAL

DATE UST PERMANENTLY CLOSED: 430a | DATE EXISTING UST DISCOVERED: 430b

I. FACILITY INFORMATION

FACILITY ID # (*Agency Use Only*) 1

BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) 3
VULCAN MATERIALS COMPANY

BUSINESS SITE ADDRESS 103: 2400 W. HIGHLAND AVE | CITY 104: SAN BERNARDINO

II. TANK DESCRIPTION

TANK ID # 432	TANK MANUFACTURER 433	TANK CONFIGURATION: THIS TANK IS 434
3	TOOR	☐ 1. A STAND-ALONE TANK ☑ 2. ONE IN A COMPARTMENTED UNIT. Complete one page for each compartment in the unit.
DATE UST SYSTEM INSTALLED 435: 1987-03	TANK CAPACITY IN GALLONS 436: 4500	NUMBER OF COMPARTMENTS IN THE UNIT 437: 3 TOTAL

III. TANK USE AND CONTENTS

TANK USE 439
- ☐ 1a. MOTOR VEHICLE FUELING
- ☐ 1b. MARINA FUELING
- ☐ 1c. AVIATION FUELING
- ☐ 3. CHEMICAL PRODUCT STORAGE
- ☑ 4. HAZARDOUS WASTE (Includes Used Oil)
- ☐ 5. EMERGENCY GENERATOR FUEL [HSC §25281.5(c)]
- ☐ 6. OTHER GENERATOR FUEL
- ☐ 95. UNKNOWN
- ☐ 99. OTHER (Specify): 439a

CONTENTS 440
PETROLEUM:
- ☐ 1a. REGULAR UNLEADED
- ☐ 1c. MIDGRADE UNLEADED
- ☐ 1b. PREMIUM UNLEADED
- ☐ 3. DIESEL
- ☐ 5. JET FUEL
- ☐ 6. AVIATION GAS
- ☐ 8. PETROLEUM BLEND FUEL
- ☑ 9. OTHER PETROLEUM (Specify): WASTE OIL 440a

NON-PETROLEUM:
- ☐ 7. USED OIL
- ☐ 10. ETHANOL
- ☐ 11. OTHER NON-PETROLEUM (Specify): 440b

IV. TANK CONSTRUCTION

TYPE OF TANK 443
- ☐ 1. SINGLE WALL
- ☑ 2. DOUBLE WALL
- ☐ 95. UNKNOWN

PRIMARY CONTAINMENT 444
- ☑ 1. STEEL
- ☐ 3. FIBERGLASS
- ☐ 6. INTERNAL BLADDER
- ☐ 7. STEEL + INTERNAL LINING
- ☐ 95. UNKNOWN
- ☐ 99. OTHER (Specify): 444a

SECONDARY CONTAINMENT 445
- ☐ 1. STEEL
- ☑ 3. FIBERGLASS
- ☐ 6. EXTERIOR MEMBRANE LINER
- ☐ 7. JACKETED
- ☐ 90. NONE
- ☐ 95. UNKNOWN
- ☐ 99. OTHER (Specify): 445a

OVERFILL PREVENTION 452.
- ☑ 1. AUDIBLE & VISUAL ALARMS
- ☑ 2. BALL FLOAT
- ☑ 3. FILL TUBE SHUT-OFF VALVE
- ☐ 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

V. PRODUCT / WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION 460
- ☐ 1. SINGLE-WALLED
- ☐ 2. DOUBLE-WALLED
- ☐ 99. OTHER

SYSTEM TYPE 458
- ☐ 1. PRESSURE
- ☐ 2. GRAVITY
- ☐ 3. CONVENTIONAL SUCTION
- ☐ 4. SAFE SUCTION [23 CCR §2636(a)(3)]

PRIMARY CONTAINMENT 464
- ☐ 1. STEEL
- ☐ 4. FIBERGLASS
- ☐ 8. FLEXIBLE
- ☐ 10. RIGID PLASTIC
- ☐ 90. NONE
- ☐ 95. UNKNOWN
- ☐ 99. OTHER(Specify): 464a

SECONDARY CONTAINMENT 464b
- ☐ 1. STEEL
- ☐ 4. FIBERGLASS
- ☐ 8. FLEXIBLE
- ☐ 10. RIGID PLASTIC
- ☐ 90. NONE
- ☐ 95. UNKNOWN
- ☐ 99. OTHER (Specify): 464c

PIPING/TURBINE CONTAINMENT SUMP TYPE 464d
- ☐ 1. SINGLE WALL
- ☐ 2. DOUBLE WALL
- ☐ 90. NONE

VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION

VENT PRIMARY CONTAINMENT	☐ 1. STEEL	☑ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464e 464e1
VENT SECONDARY CONTAINMENT	☐ 1. STEEL	☑ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464f 464f1
VR PRIMARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464g 464g1
VR SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464h 464h1
VENT PIPING TRANSITION SUMP TYPE	☐ 1. SINGLE WALL		☐ 2. DOUBLE WALL	☐ 90. NONE		464i.
RISER PRIMARY CONTAINMENT	☑ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464j 464j1
RISER SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464k 464k1
FILL COMPONENTS INSTALLED	☑ 1. SPILL BUCKET	☑ 3. STRIKER PLATE/BOTTOM PROTECTOR	☑ 4. CONTAINMENT SUMP			451a-c

VII. UNDER DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE	☐ 1. SINGLE WALL	☐ 2. DOUBLE WALL	☐ 3. NO DISPENSERS	☑ 90. NONE	469a
CONSTRUCTION MATERIAL	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 99. OTHER (Specify)	469b-c

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION 448.
- ☐ 2. SACRIFICIAL ANODE(S)
- ☐ 4. IMPRESSED CURRENT
- ☐ 6. ISOLATION

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE: [signature] | DATE 470.: JULY 11, 2008

APPLICANT NAME (print) 471.: DENNIS MINNOCK | APPLICANT TITLE 472.: DESIGNATED TANK OPERATOR

IFIED PROGRAM CONSOLIDATED F[illegible]
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION – TANK INFORMATION (One form per UST)

TYPE OF ACTION (Check one item only. For an UST permanent closure or removal, complete only this section and Sections I, II, III, IV, and IX below) 430
☐ 1. NEW PERMIT ☐ 3. RENEWAL PERMIT ☐ 5. CHANGE OF INFORMATION
☐ 6. TEMPORARY UST CLOSURE ☐ 7. UST PERMANENT CLOSURE ON SITE ☐ 8. UST REMOVAL

DATE UST PERMANENTLY CLOSED: 430a | DATE EXISTING UST DISCOVERED: 430b

I. FACILITY INFORMATION

FACILITY ID # (*Agency Use Only*) 1

BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) 3
VULCAN MATERIALS COMPANY

BUSINESS SITE ADDRESS 103: 2400 W HIGHLAND AVE | CITY 104: SAN BERNARDINO

II. TANK DESCRIPTION

TANK ID # 432: 4

TANK MANUFACTURER 433: JOOR

TANK CONFIGURATION: THIS TANK IS 434
☐ 1. A STAND-ALONE TANK
☑ 2. ONE IN A COMPARTMENTED UNIT.
Complete one page for each compartment in the unit.

DATE UST SYSTEM INSTALLED 435: 1987-03

TANK CAPACITY IN GALLONS 436:

NUMBER OF COMPARTMENTS IN THE UNIT 437: 3 TOTAL

III. TANK USE AND CONTENTS

TANK USE 439
☐ 1a. MOTOR VEHICLE FUELING ☐ 1b. MARINA FUELING ☐ 1c. AVIATION FUELING
☐ 3. CHEMICAL PRODUCT STORAGE ☐ 4. HAZARDOUS WASTE (Includes Used Oil) ☐ 5. EMERGENCY GENERATOR FUEL [HSC §25281.5(c)]
☐ 6. OTHER GENERATOR FUEL ☐ 95. UNKNOWN ☑ 99. OTHER (Specify): BULK OIL - NEW 439a

CONTENTS 440
PETROLEUM: ☐ 1a. REGULAR UNLEADED ☐ 1c. MIDGRADE UNLEADED ☐ 1b. PREMIUM UNLEADED
☐ 3. DIESEL ☐ 5. JET FUEL ☐ 6. AVIATION GAS
☐ 8. PETROLEUM BLEND FUEL ☑ 9. OTHER PETROLEUM (Specify): NEW OIL 440a
NON-PETROLEUM: ☐ 7. USED OIL ☐ 10. ETHANOL
☑ 11. OTHER NON-PETROLEUM (Specify): NEW OIL 440b

IV. TANK CONSTRUCTION

TYPE OF TANK 443: ☐ 1. SINGLE WALL ☑ 2. DOUBLE WALL ☐ 95. UNKNOWN

PRIMARY CONTAINMENT 444
☑ 1. STEEL ☐ 3. FIBERGLASS ☐ 6. INTERNAL BLADDER
☐ 7. STEEL + INTERNAL LINING ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 444a

SECONDARY CONTAINMENT 445
☐ 1. STEEL ☑ 3. FIBERGLASS ☐ 6. EXTERIOR MEMBRANE LINER ☐ 7. JACKETED
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 445a

OVERFILL PREVENTION 452.
☑ 1. AUDIBLE & VISUAL ALARMS ☑ 2. BALL FLOAT ☑ 3. FILL TUBE SHUT-OFF VALVE
☐ 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

V. PRODUCT / WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION 460: ☐ 1. SINGLE-WALLED ☐ 2. DOUBLE-WALLED ☐ 99. OTHER

SYSTEM TYPE 458: ☐ 1. PRESSURE ☐ 2. GRAVITY ☐ 3. CONVENTIONAL SUCTION ☐ 4. SAFE SUCTION [23 CCR §2636(a)(3)]

PRIMARY CONTAINMENT 464
☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER(Specify): 464a

SECONDARY CONTAINMENT 464b
☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 464c

PIPING/TURBINE CONTAINMENT SUMP TYPE 464d: ☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 90. NONE

VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION

VENT PRIMARY CONTAINMENT	☐ 1. STEEL	☑ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464e / 464e1
VENT SECONDARY CONTAINMENT	☐ 1. STEEL	☑ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464f / 464f1
VR PRIMARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464g / 464g1
VR SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464h / 464h1
VENT PIPING TRANSITION SUMP TYPE	☐ 1. SINGLE WALL		☐ 2. DOUBLE WALL	☐ 90. NONE		464i.
RISER PRIMARY CONTAINMENT	☑ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464j / 464j1
RISER SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify)	464k / 464k1

FILL COMPONENTS INSTALLED 451a-c: ☑ 1. SPILL BUCKET ☑ 3. STRIKER PLATE/BOTTOM PROTECTOR ☑ 4. CONTAINMENT SUMP

VII. UNDER DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE 469a: ☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 3. NO DISPENSERS ☑ 90. NONE

CONSTRUCTION MATERIAL 469b-c: ☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 99. OTHER (Specify)

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION 448.: ☐ 2. SACRIFICIAL ANODE(S) ☐ 4. IMPRESSED CURRENT ☐ 6. ISOLATION

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE: Dennis Minnick | DATE 470.: JULY 11, 2008

APPLICANT NAME (print) 471.: DENNIS MINNICK | APPLICANT TITLE 472.: DESIGNATED TANK OPERATOR

State of California
State of Water Resources Control Board
Division of Financial Assistance
P.O. Box 944212
Sacramento, CA 94244-2120

(Instructions on reverse side)

For State Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in California Code of Regulations (CCR), Title 23, Division 3, Chapter 18, Section 2807,

☐ 500,000 dollars per occurrence
or
☑ 1 million dollars per occurrence

RECEIVED
JUL 14 2008
S.B. CO. FIRE DEPT.

☑ 1 million dollars annual aggregate
or
☐ 2 million dollars annual aggregate

B. _____ *hereby certifies that it is in compliance with the requirements of Section 2807,*
(Name of Tank Owner or Operator)
California Code of Regulations, Title 23, Division 3, Chapter 18, Article 3, Section 2807.
The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Comp
SELF INSURED	VULCAN MATERIALS COMPANY PO BOX 385014 BIRMINGHAM, AL 35238-5014	N/A	$1,000,000 PER OCCURANCE AND $1,000,000 PER ANNUAL AGGREGATE	ANNUAL	YES	YES

Note: This is a sample certification of a petroleum UST owner or operator using the State Cleanup Fund as the Financial responsibility mechanism, in conjunction with the state alternative mechanism "Letter from Chief Financial Officer." For additional information and requirements refer to Title 23, Division 3, Chapter 18, of the California Code of Regulations and Division 20, Chapter 6.75 of the California Health and Safety Code.

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance and shall maintain compliance with all conditions for participation in the Fund. See instructions.

D. Facility Name	Facility Address
VULCAN MATERIALS COMPANY	2400 W HIGHLAND AVE SAN BERNARDINO CA 92405
Facility Name	Facility Address
Facility Name	Facility Address
E. Signature of Tank Owner or Operator — Date	Name and Title of Tank Owner or Operator
Signture of Witness or Notary — Date	Name of Witness or Notary

Vulcan
Materials Company

March 19, 2007

Letter from Chief Financial Officer:

I am the chief financial officer of Vulcan Materials Company, P. O. Box 385014, Birmingham, Alabama 35238-5014. This letter is in support of the use of the financial test of self-insurance, to demonstrate financial responsibility for taking corrective action and compensating third parties for bodily injury and property damage caused by sudden accidental releases and nonsudden accidental releases in the amount of at least $1,000,000 per occurrence and $1,000,000 annual aggregate arising from operating underground storage tanks.

Underground storage tanks at the following facilities are assured by this financial test or a financial test under an authorized State program by this owner or operator:

See Exhibit A

A financial test is also used by this owner or operator to demonstrate evidence of financial responsibility in the following amounts under other EPA regulations or state programs authorized by EPA under 40 CFR Parts 271 and 145:

EPA Regulations		Amount
Closure (§§ 264.143 and 265.143)	$	-0-
Post-Closure Care (§§ 264.145 and 265.145)	$	-0-
Liability Coverage (§§ 264.147 and 265.147)	$	-0-
Corrective Action (§§ 264.101(b))	$	-0-
Plugging and Abandonment (§§ 144.63)	$	-0-
Closure	$	-0-
Post-Closure Care	$	-0-
Liability Coverage	$	-0-
Corrective Action	$	-0-
Plugging and Abandonment	$	-0-
Total	$	-0-

This owner or operator has not received an adverse opinion, a disclaimer of opinion, or a "going concern" qualification from an independent auditor on his financial statements for the latest completed fiscal year.

Alternative I

1.	Amount of annual UST aggregate coverage being assured by a financial test, and/or guarantee	$	1,000,000
2.	Amount of correction action, closure and post-closure care costs, liability coverage, and plugging and abandonment costs covered by a financial test, and/or guarantee	$	-0-
3.	Sum of lines 1 and 2	$	1,000,000
4.	Total tangible assets	$	2,607,157,000
5.	Total liabilities	$	1,423,114,000
6.	Tangible net worth	$	1,184,043,000

		Yes	No
7.	Is line 6 at least $10 million?	X	
8.	Is line 6 at least 10 times line 3?	X	
9.	Have financial statements for the latest fiscal year been filed with the Securities and Exchange Commission?	X	
10.	Have financial statements for the latest fiscal year been filed with the Energy Information Administration?		X
11.	Have financial statements for the latest fiscal year been filed with the Rural Electrification Administration?		X
12.	Has financial information been provided to Dun and Bradstreet, and has Dun and Bradstreet provided a financial strength rating of 4A or 5A?	X	

Alternative II

1.	Amount of annual UST aggregate coverage being assured by a test, and/or guarantee	$ N/A
2.	Amount of corrective action, closure and post-closure care costs, liability coverage, and plugging and abandonment costs covered by a financial test, and/or guarantee	$ N/A
3.	Sum of lines 1 and 2	$ N/A
4.	Total tangible assets	$ N/A
5.	Total liabilities	$ N/A
6.	Tangible net worth	$ N/A
7.	Total assets in the U.S.	$ N/A

		Yes	No
8.	Is line 6 at least $10 million?		N/A
9.	Is line 6 at least 6 times line 3?		N/A
10.	Are at least 90 percent of assets located in the U.S?		N/A
11.	Is line 7 at least 6 times line 3?		N/A

12.	Current assets	$ N/A
13.	Current liabilities	$ N/A
14.	Net working capital	$ N/A

		Yes	No
15.	Is line 14 at least 6 times line 3?		N/A
16.	Current bond rating of most recent bond issue		N/A
17.	Name of rating service		N/A
18.	Date of maturity of bond		N/A
19.	Have financial statements for the latest fiscal year been filed with the SEC, the Energy Information Administration, or the Rural Electrification Administration?		N/A

I hereby certify that the wording of this letter is identical to the wording specified in 40 CFR Part 280.95(d) as such regulations were constituted on the date shown immediately below.

Signature: DF Sansone

Name: Daniel F. Sansone

Vulcan Materials Company

Title: Senior Vice President, Chief Financial Officer

Date: March 19, 2007

CERTIFICATION OF FINANCIAL RESPONSIBILITY

Vulcan Materials Company hereby certifies that it is in compliance with the requirements of Subpart H of 40 CFR Part 280.

The financial assurance mechanism used to demonstrate financial responsibility under Subpart H of 40 CFR Part 280 is as follows:

> Financial test of self-insurance providing for coverage in the amount of $1,000,000 for the year 2007. This test covers taking corrective action and compensating third parties for bodily injury and property damage caused by accidental releases.

Signature: D F Sansone

Name: Daniel F. Sansone

Title: Vulcan Materials Company
Senior Vice President, Chief Financial Officer

Date: March 19, 2007

NOTARY:

Signature: Robbie O. Storey

Name: Robbie O. Storey

Date: 3/19/07

My commission expires

Commission Expires
December 1, 2008

The owner or operator must update this certification whenever the financial insurance mechanism used to demonstrate financial responsibility changes.

Exhibit A - Page 1 of 2

Vulcan Materials Company

Facilities with Underground Petroleum Tanks
Assured by Financial Test of Self-Insurance

In accordance with Part 280.95 of the
Resource Conservation and Recovery Act

CORPORATE:

Facility Name	Address
Flight Services	4110 65th Street North Birmingham, AL 35206

MIDEAST DIVISION:

Facility Name	Address
Graham-Virginia Quarry	10000 Ox Road Lorton, VA 22079

MIDWEST DIVISION:

Facility Name	Address
Elk Grove Recycle Center	1520 Midway Court Elk Grove Village, IL 60007

SOUTHERN DIVISION:

Facility Name	Address
Grand Rivers Quarry	947 US Hwy 62 Grand Rivers, KY 42045

Exhibit A - Page 2 of 2

WESTERN DIVISION:

Facility Name	Address
Palmdale	6851 East Ave. Littlerock, CA 93543
San Bernardino	2400 West Highland San Bernardino, CA 92405
Sun Valley	11401 W. Tuxford Street Sun Valley, CA 91352
Upland	1975 N. Benson Street Upland, CA 91786
Carroll Canyon	10050 Black Mountain Road San Diego, CA 92126
Mission Valley	8080 Friars Road San Diego, CA 92163
San Bernardino HMA	2340 W. Highland San Bernardino, CA 92405
Los Angeles HMA	2715 E. Washington Street Los Angeles, CA 90023
Escondido	849 W. Washington Ave. Escondido, CA 92025

FA0001676

Vulcan
Materials Company

Western Division

February 19, 2008

San Bernardino County Fire Department - CUPA
Attn.: Underground Storage Tank Division
620 South E Street
San Bernardino, CA 92415-0153

Ref: Financial Responsibility
Calmat Co. DBA Vulcan Materials

Dear Sir or Madam:

Enclosed please find a current Certification of Financial Responsibility for the above referenced company's regulated underground liquid storage tanks (USTs).

If you have any questions, please contact Dwight Beavers at (323) 474-3372.

Respectfully,

Marigel S. Mille for Tony Varisco

Tony Varisco
Regional Environmental Manager

cc: Rick Lopez – Plant Manager at Upland
Matt Branstetter – Plant Manager at San Bernardino

CERTIFIED MAIL: 7006 2150 0003 1321 4119

RECEIVED
FEB 21 2008
S.B. CO. FIRE DEPT.

LLD

State of California
State of Water Resources Control Board
Division of Financial Assistance
P.O. Box 944212
Sacramento, CA 94244-2120
(Instructions on reverse side)

For State Use Only

CERTIFICATION OF FINANCIAL RESPONSIBILITY

FOR UNDERGROUND STORAGE TANKS CONTAINING PETROLEUM

A. I am required to demonstrate Financial Responsibility in the required amounts as specified in Section 2807, Chapter 18, Div. 3, Title 23, CCR:

☐ 500,000 dollars per occurrence
or
☒ 1 million dollars per occurrence

AND

☐ 1 million dollars annual aggregate
or
☒ 2 million dollars annual aggregate

B. CALMAT CO. DBA VULCAN MATERIALS (Name of Tank Owner or Operator) *hereby certifies that it is in compliance with the requirements of California Code of Regulations, Title 23, Division 3, Chapter 18, Article 3, Section 2807. The mechanisms used to demonstrate financial responsibility as required by Section 2807 are as follows:*

C. Mechanism Type	Name and Address of Issuer	Mechanism Number	Coverage Amount	Coverage Period	Corrective Action	Third Party Comp
CERTIFICATE OF INSURANCE	OLD REPUBLIC INSURANCE CO. 4455. MOORLAND RD. BROOKFIELD, WI 53005	MW23 50496	$2,000,000 PER OCCURENCE AND ANNUAL AGGREGATE	1-1-08 TO 1-1-09	YES	YES

Note: If you are using the State Fund as any part of your demonstration of financial responsibility, your execution and submission of this certification also certifies that you are in compliance and shall maintain compliance with all conditions for participation in the Fund. See instructions.

D. Facility Name	Facility Address
SEE ATTACHED EXHIBIT A	
Facility Name	Facility Address
Facility Name	Facility Address

E. Signature of Tank Owner or Operator	Date	Name and Title of Tank Owner or Operator
by Brian W. Ferris	1/25/08	Brian W. Ferris, Vice President
Signature of Witness or Notary	Date	Name of Witness or Notary
Karen S. Clark	1/25/08	Karen S. Clark

CFR (Revised 08/06)

FILE: Original - Local Agency

Copies - Facility/Site(s)

RECEIVED
FEB 21 2008
S.B. CO. FIRE DEPT.

CERTIFICATE OF INSURANCE (FEDERAL)

Name: Vulcan Materials Company
[name of each covered location]

Address: See attached Exhibit A
[address of each covered location]

Policy Number: MWZZ 50496

Endorsement (if applicable):

Period of Coverage: [current policy period] 1-1-08 to 1-1-09

Name of Insurer: Old Republic Insurance Company

Address of Insurer: 445 South Moorland Road
Brookfield, WI 53005

Name of Insured: Vulcan Materials Company

Address of Insured: 1200 Urban Center Drive
Birmingham, AL 35242

Certification:

1. Old Republic Insurance Company, the Insurer, as identified above, hereby certifies that it has issued liability insurance covering the following underground storage tank(s):

   See attached Exhibit A

   for taking corrective action and compensating third parties for bodily injury and property damage caused by accidental releases; in accordance with and subject to the limits of liability, exclusions, conditions and other terms of the policy; arising from operating the underground storage tank(s) identified above.

   The limits of liability are $ 2,000,000 each occurrence
   $ 2,000,000 annual aggregate,

   exclusive of legal defense costs, which are subject to a separate limit under the policy.

   This coverage is provided under [policy number] MWZZ 50496 .

   The effective date of said policy is [date] 1-1-08 to 1-1-09 .

2. The Insurer further certifies the following with respect to the insurance described in Paragraph 1:

   a. Bankruptcy or insolvency of the insured shall not relieve the Insurer of its obligations under the policy to which this certificate applies.

b. The Insurer is liable for the payment of amounts within any deductible applicable to the policy to the provider of corrective action or a damaged thirdparty, with a right of reimbursement by the insured for any such payment made by the Insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated under another mechanism or combination of mechanisms as specified in 40 CFR 280.95-280.102.

c. Whenever requested by a Director of an implementing agency, the Insurer agrees to furnish to the Director a signed duplicate original of the policy and all endorsements.

d. Cancellation or any other termination of the insurance by the Insurer, except for nonpayment of premium or misrepresentation by the insured, will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by the insured. Cancellation for nonpayment of premium or misrepresentation by the insured will be effective only upon written notice and only after expiration of a minimum of 10 days after a copy of such written notice is received by the insured.

e. The insurance covers claims otherwise covered by the policy that are reported to the Insurer within six months of the effective date of cancellation or nonrenewal of the policy except where the new or renewed policy has the same retroactive date or a retroactive date earlier than that of the prior policy, and which arise out of any covered occurrence that commenced after the policy retroactive date, if applicable, and prior to such policy renewal or termination date. Claims reported during such extended reporting period are subject to the terms, conditions, limits, including limits of liability, and exclusions of the policy.

I hereby certify that the wording of this instrument is identical to the wording in 40 CFR 280.97(b)(2) and that the Insurer is licensed to transact the business of insurance in one or more states.

Sharon W. Abel

[Signature of authorized representative of Insurer]

Sharon Abel

[Type name]

Assistant Vice President

Authorized Representative of Old Republic Insurance Company

445 S. Moorland Rd., Ste. 300, Brookfield, WI 53005

[Address of Representative]

Exhibit A - Vulcan Materials Company

Facilities with Underground Petroleum Tanks

In accordance with 40CFR Part 280.95

Location Number	Division	Facility Name	Street Address	City	State	Zip Code	Number of Tanks
026	Western	Carroll Canyon	10050 Black Mountain Road	San Diego	CA	92126	1
110	Western 34139	San Bernardino HMA	2340 W. Highland	San Bernardino	CA	92405	1
010	Western 11070	San Bernardino Aggregate	2400 W. Highland	San Bernardino	CA	92405	3
221	Western	Palomar Transit Mix - Escondido	849 W. Washington Ave	Escondido	CA	92025	1
122	Western	Mission Valley HMA	8080 Friars Road	San Diego	CA	92163	1
148	Western	Los Angeles HMA	2715 E. Washington Street	Los Angeles	CA	90023	1
009	Western 11075	Upland	1975 N. Benson Street	Upland	CA	91786	1
009-R	Western 11299	Robertson Ready Mix	1975 N. Benson Street	Upland	CA	91786	1
002	Western	Sun Valley	11401 W. Tuxford Street	Sun Valley	CA	91352	5
004	Western	Little Rock - Palmdale	6851 East Ave.	Little Rock	CA	93543	4

207 90 290

GDS

207 SAN BERNARDINO COUNTY-EPWA/LAND MANAGEMENT DEPT
OFFICE OF BUILDING AND SAFETY P E R M I T APPLICATION
THIS IS NOT A PERMIT UNTIL ISSUED

PARCEL NUMBER 0264-431-13-0000

TRACT	BLK	LOT	SEC	TWN	RNG	PRCL MAP	PRCL
	000	000	SE25	01N	05W	0	0

SUBDIVISION NAME | SUBDIVISION PARCEL NO

APPLICANT NAME, MAILING ADDRESS, AND PHONE NUMBER
CORNWALL ASSOC. INC.(NATHAN SEAMONS)
650 SIERRA MADRE VILLA ST
PASADENA CA 91107-0000
(818) 351 - 5521

OWNER NAME, MAILING ADDRESS, AND PHONE NUMBER
CALMAT/COHEN, THEODORE
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
(714) 875 - 1150

JOB SITE ADDRESS
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
CROSS STREET SYCAMORE AVENUE
INSPECTN ACCESS

CONTRACTOR NAME, ADDRESS LICENSE NUMBER

DIV. OF IND. SAFETY PERMIT:

MINIMUM SETBACK DISTANCES *** PER PLOT ***

MECHANICAL EQUIP NOT PERMITTED IN REQUIRED SIDE SETBACKS

NO. STORIES	NO. DWELLING UNITS	NO. BEDROOMS	FLOOR
1			CONCRETE

EXT. WALLS	INT. WALLS	CEILING
METAL	FRAME	OTHER

ROOF	HEATING	FIREPLACES	
METAL		METAL	MASRY

WATER	SEWER	MIN DEPTH	S.F./100	SIZE	NEW/REPAIR
PUBLIC		000	000	0000	

COMMENTS
COPY OF CONTR LIC AND WORKERS COMP OBTAINED

PERMIT NBR 207 90 00290 206J 01 | STATUS: ACTIV

APPL DATE 02/05/91 | ISSUE DATE 02/05/91 | PG 1 OF 1

PROPOSED USE: OFFICE/DISPATCH BUILDING
CURRENT USE: OFFICE AND WORK SHOP

ACTIVITY : L804 L041

COMMUNITY PLAN	ZONE/LAND USE DISTRICT	GENERAL PLAN
	RC/IL2/GH	

LOT DIMENSION IRREGULAR
#BLDGS ON LOT 2
CONST TYPE VN
GROUP B2O

#PLANS RECD 0 LAND USE PLOT 0
STD PLAN/ICBO
INDEX NBR 205-64
FHA

ITEM CNT	DESCRIPTION	DETAIL	TOTALS
	VALUATION BASED FEE		475.00
	SMIP SURCHARGE		3.75
	TOTAL AMOUNT		478.75

COMPLETED
DATE 3/15/91

AMT WAIVED .00 AMT PAID 478.75
PAYOR NAME: KEVIN BARRETT CONSTRUCTION,INC PAID 02/05/91
RECEIPT : 40295 EMPL: BETHARD, CHRISTIE
PAID BY : CHECK NBR : 2534

LICENSED CONTRACTORS DECLARATION

I HEREBY AFFIRM THAT I AM LICENSED UNDER THE PROVISIONS OF CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND MY LICENSE IS IN FULL FORCE AND EFFECT.

X LICENSE CLASS B LICENSE NUMBER 598082 CONTRACTOR KEVIN BARRETT DATE 2-5-91

OWNER-BUILDER DECLARATION

I HEREBY AFFIRM THAT I AM EXEMPT FROM THE CONTRACTORS LICENSE LAW FOR THE FOLLOWING REASON (SECTION 7031.5, BUSINESS AND PROFESSIONS CODE: ANY CITY OR COUNTY WHICH REQUIRES A PERMIT TO CONSTRUCT, ALTER, IMPROVE, DEMOLISH OR REPAIR ANY STRUCTURE, PRIOR TO ITS ISSUANCE, ALSO REQUIRES THE APPLICANT FOR SUCH PERMIT TO FILE A SIGNED STATEMENT THAT HE OR SHE IS LICENSED PURSUANT TO THE PROVISIONS OF THE CONTRACTORS LICENSE LAW [CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE] OR THAT HE OR SHE IS EXEMPT THEREFROM AND THE BASIS FOR THE ALLEGED EXEMPTION. ANY VIOLATION OF SECTION 7031.5 BY ANY APPLICANT FOR A PERMIT SUBJECTS THE APPLICANT TO A CIVIL PENALTY OF NOT MORE THAN FIVE HUNDRED DOLLARS [$500].):

☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYEES WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED OR OFFERED FOR SALE (SECTION 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTORS LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO DOES SUCH WORK HIMSELF OR HERSELF OR THROUGH HIS OR HER OWN EMPLOYEES, PROVIDED THAT SUCH IMPROVEMENTS ARE NOT INTENDED OR OFFERED FOR SALE; IF, HOWEVER, THE BUILDING OR IMPROVEMENT IS SOLD WITHIN ONE YEAR OF COMPLETION, THE OWNER-BUILDER WILL HAVE THE BURDEN OF PROVING THAT HE OR SHE DID NOT BUILD OR IMPROVE FOR THE PURPOSE OF SALE).

☐ I, AS OWNER OF THE PROPERTY, AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO CONSTRUCT THE PROJECT (SEC. 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTORS LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO CONTRACTS FOR SUCH PROJECTS WITH A CONTRACTOR(S) LICENSED PURSUANT TO THE CONTRACTORS LICENSE LAW).

☐ I AM EXEMPT UNDER SEC. _____ B. AND P. C. FOR THIS REASON _____

OWNER _____ DATE _____

WORKERS' COMPENSATION DECLARATION

I HEREBY AFFIRM THAT I HAVE A CERTIFICATE OF CONSENT TO SELF-INSURE OR A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE OR A CERTIFIED COPY THEREOF (SEC. 3800, LAB.C.).

POLICY NO. _____ COMPANY _____

☐ CERTIFIED COPY IS HEREBY FURNISHED

☒ CERTIFIED COPY IS FILED WITH THE COUNTY BUILDING INSPECTION DEPARTMENT

APPLICANT K. Barrett DATE 2-5-91

ADDITIONAL REVISION _____

X CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE (THIS SECTION NEED NOT BE COMPLETED IF THE PERMIT IS FOR ONE HUNDRED DOLLARS [$100] OR LESS).

I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKERS' COMPENSATION LAWS OF CALIFORNIA.

APPLICANT _____ DATE _____

NOTICE TO APPLICANT: IF, AFTER MAKING THIS CERTIFICATE OF EXEMPTION, YOU SHOULD BECOME SUBJECT TO THE WORKERS' COMPENSATION PROVISIONS OF THE LABOR CODE, YOU MUST FORTHWITH COMPLY WITH SUCH PROVISIONS OR THIS PERMIT SHALL BE DEEMED REVOKED.

CONSTRUCTION LENDING AGENCY

I HEREBY AFFIRM THAT THERE IS A CONSTRUCTION LENDING AGENCY FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED (SEC. 3097, CIV. C.).

LENDER'S NAME _____ LENDER'S ADDRESS _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

THE CALIFORNIA HEALTH AND SAFETY CODE REQUIRES A DIVISION OF INDUSTRIAL SAFETY PERMIT AS A PREREQUISITE TO PERMIT ISSUANCE UNLESS THE APPLICANT SIGNS ONE OF THE CERTIFICATES BELOW.

☒ I CERTIFY THAT NO EXCAVATION 5 FEET OR MORE FEET IN DEPTH, INTO WHICH A PERSON IS REQUIRED TO DESCEND, WILL BE MADE IN CONNECTION WITH WORK AUTHORIZED BY THIS PERMIT, AND THAT NO BUILDING, STRUCTURE, SCAFFOLDING, FALSEWORK, OR DEMOLITION OR DISMANTLING THEREOF, WILL BE MORE THAN 36 FEET HIGH.

☐ AS OWNER/BUILDER I WILL NOT EMPLOY ANYONE TO DO WORK WHICH WOULD REQUIRE A PERMIT FROM THE DIVISION OF INDUSTRIAL SAFETY, AS NOTED ABOVE UNLESS SUCH PERSON HAS A PERMIT FROM THAT DIVISION.

DIVISION OF INDUSTRIAL SAFETY PERMIT NUMBER _____

I HAVE READ THE HAZARDOUS MATERIALS QUESTIONNAIRE AND THE WORK APPLIED FOR ON THIS PERMIT ☐ IS ☒ IS NOT SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE HEALTH AND SAFETY CODE AND THE LOCAL AIR QUALITY AGENCY.

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT, I AGREE TO COMPLY WITH ALL CITY AND COUNTY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS COUNTY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

SIGNATURE OF APPLICANT OR AGENT K. Barrett DATE 2-5-91

EXPIRATION AND REFUND NOTICE

APPLICATIONS FOR WHICH NO PERMIT IS ISSUED WITHIN 180 DAYS FROM THE DATE OF APPLICATION SHALL EXPIRE. PERMITS SHALL EXPIRE IF WORK DOES NOT COMMENCE WITHIN 180 DAYS OF ISSUANCE OF SUCH PERMIT OR IF THE WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS. FEES PAID ARE NOT REFUNDABLE AFTER 180 DAYS FROM DATE OF PAYMENT, EXCEPT FOR ERRORS IN ACCEPTANCE WHICH MAY BE REFUNDABLE UP TO ONE YEAR FROM DATE OF PAYMENT. ALL FEES PAID MAY NOT BE REFUNDABLE.

Owner Name Calmat/Cohen **Permit Number** 20790 00290.206J01

INSPECTION RECORD

	DATE	INSPECTOR		DATE	INSPECTOR
Setback			Rough Plumbing	2/14/91	Dan D
Temporary Power			Shower Pan Test		
Foundation Reinforcing Steel			Stucco Mesh or Exterior Siding		
Excavation and Forms			Insulation		
F.H.A. Foundation Req.			Sewer		
Slab Grade			Interceptor		
Ground Plumbing			Septic Tank		
Underslab Ducts			Leach Line or Seep Pit		
Underslab Conduit			Water Service		
Fireplace Foundation			~~Lath or~~ Drywall Nailing	2/20/91	Dan D
Joists and Girders			Gas Line Air Test		
Electrical Ground			Final Energy	3/18/91	Dan D
Mid-Height Bond Beam			Final Plumbing	3/18/91	Dan D
8-Foot Bond Beam			Final Heating/A.C.		
Final Bond Beam			Final Construction	3/18/91	Dan D
Fireplace Bond Beam			Final On Site Improvements		
Roof Sheathing			Final Off Site Improvements		
Framing ~~and Ventilation~~	2/14/91	Dan D	Final Dedication		
Roof Covering			Final Zoning		
Rough Heating			Final Electrical	3/18/91	Dan D
Electrical Service and Ground			Final Gas		
Rough Electrical	2/14/91	Dan D	Developer Fees Paid		
WC (Y/N) _____		Ind Saf (Y/N) _____	Certificate of Occupancy	3/18/91	Dan D

2/13/91 Combo not ready Dan D
3/11/91 Consult with contractor Dan D

COMPLETED
DATE 3/18/91

SEPTIC TANK _____ GALS. _____
SEEP. PIT _____ X _____
LEACH LINE _____ WIDE _____
X _____ LONG X _____ DEPTH OF ROCK _____

N.

W. E.

S.

Inspector's Signature and Initials Dan D - DeCanio

207 SAN BERNARDINO COUNTY-EPWA/LAND MANAGEMENT DEPT
OFFICE OF BUILDING AND SAFETY P E R M I T APPLICATION
THIS IS NOT A PERMIT UNTIL ISSUED

PARCEL NUMBER 0264-431-13-0000

TRACT	BLK	LOT	SEC	TWN	RNG	PRCL MAP	PRCL
	000	000	SE25	01N	05W	0	0

SUBDIVISION NAME | SUBDIVISION PARCEL NO

APPLICANT NAME, MAILING ADDRESS, AND PHONE NUMBER
NEIMEYER CONSTRUCTION (TERRY)
BOX 1046
TRONA CA 93562-0000
(760) 372 - 9155

OWNER NAME, MAILING ADDRESS, AND PHONE NUMBER
CALMAT
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
(714) 875 - 1150

JOB SITE ADDRESS
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
CROSS STREET SYCAMORE AVENUE
INSPECTN ACCESS

CONTRACTOR NAME, ADDRESS LICENSE NUMBER
NEIMEYER CONSTRUCTION CONT000714496
PO BOX 1046
TRONA CA 93562-0000
(760) 372 - 9155

DIV. OF IND. SAFETY PERMIT:

MINIMUM SETBACK DISTANCES *** PER PLOT ***

MECHANICAL EQUIP NOT PERMITTED IN REQUIRED SIDE SETBACKS

NO. STORIES	NO. DWELLING UNITS	NO. BEDROOMS	FLOOR

EXT. WALLS	INT. WALLS	CEILING

ROOF	HEATING	FIREPLACES METAL	FIREPLACES MASRY

WATER	SEWER	MIN DEPTH	S.F./100	SIZE	NEW/REPAIR
PUBLIC		000	000	0000	

COMMENTS

PERMIT NBR 207 99 00010 206J 01 | STATUS: ACTIV

APPL DATE 03/11/99 | ISSUE DATE 03/11/99 | PG 1 OF 1

PROPOSED USE: ELECTRICAL MONITORING SYS
CURRENT USE: SAND AND GRAVEL FACILITY

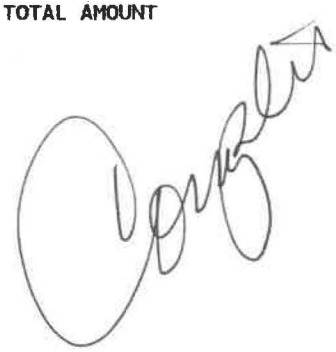
ACTIVITY : L820

COMMUNITY PLAN	ZONE/LAND USE DISTRICT	GENERAL PLAN
	RC/IL2/GH*	

LOT DIMENSION IRREGULAR | CONST TYPE
#BLDGS ON LOT 3 | GROUP

#PLANS RECD 0 LAND USE PLOT 0 | INDEX NBR 205-64
STD PLAN/ICBO | FHA

ITEM CNT	DESCRIPTION	DETAIL	TOTALS
	VALUATION BASED FEE		606.31
	SMIP SURCHARGE		6.30
	TOTAL AMOUNT		612.61



AMT WAIVED/DEFERRED .00 AMT PAID 612.61
PAYOR NAME: DELINE, DOUG PAID 03/11/99
RECEIPT : 699 EMPL: GRESHAM, JOANNE
PAID BY : CHECK NBR : 584

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class ~~B~~ A/C10 License No. 714496

Date 3-11-99 Contractor MUELLER CONST.

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law Chapter 9 (commencing with Section 7000) of Division 3 of the business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law.).

☐ I am exempt under Sec. _____ Business and Professions Code for this reason: _____

Date _____ Owner _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier _____

Policy Number _____

(This section need not be completed if the permit is for one hundred dollars [$100] or less.)

☒ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: 3-11-99 Applicant: Kelly Mueller

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

The California Health and Safety Code requires a Division of Industrial Safety Permit as a prerequisite to permit issuance unless the applicant signs one of the certificates below.

☐ I certify that no excavation 5 feet or more feet in depth, into which a person is required to descend, will be made in connection with work authorized by this permit, and that no building, structure, scaffolding, falsework, or demolition or dismantling thereof, will be more than 36 feet high.

☐ As owner/builder I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above unless such person has a permit from that division.

Division of Industrial Safety Permit Number _____

HAZARDOUS MATERIALS/ASBESTOS DECLARATION

I have read the Hazardous Materials Questionnaire and the work applied for on this permit ☐ is ☐ is not subject to the applicable requirements of the Health and Safety Code and the local air quality agency.

I have read the requirements for asbestos notification and the work applied for on this permit ☐ is ☐ is not subject to the applicable requirements of the Heath and Safety Code and the local air quality agency.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Kelly Mueller
Signature of Applicant or Agent

3-11-99
Date

EXPIRATION AND REFUND NOTICE: Applications for which no permit is issued within 180 days from the date of application shall expire. Permits shall expire if work does not commence within 180 days of issuance of such permit or if the work is suspended or abandoned for a period of 180 days. Fees paid are not refundable after one (1) year from date of payment. All fees paid may not be refundable.

Owner Name Calmat **Permit Number** 2079900 01020690

INSPECTION RECORD

Electrical Monitoring System

	DATE	INSPECTOR		DATE	INSPECTOR
Setback			Shower Pan Test		
Temporary Power			Stucco Mesh or Exterior Siding		
Foundation Reinforcing Steel			Insulation		
Rough Grading Certification			Sewer		
Excavation and Forms			Interceptor		
F.H.A. Foundation Req.			Septic Tank		
Slab Grade			Leach Line or Seep Pit		
Ground Plumbing			Water Service		
Underslab Ducts			Lath or Drywall Nailing		
Underslab Conduit 3/4" @ 24" BELOW GRADE	3/12/99	BC	Gas Line Air Test		
Fireplace Foundation			Final Energy		
Joists and Girders			Final Plumbing		
Electrical Ground			Final Heating/A.C.		
Mid-Height Bond Beam			Special Inspector Reports		
8-Foot Bond Beam			Final Grading Certification		
Final Bond Beam			Final Construction		
Fireplace Bond Beam			Final On-Site Improvements		
Shear Panel			Final Off-Site Improvements		
Roof Sheathing			Final Dedication		
Framing and Ventilation			Final Zoning		
Roof Covering			Final Electrical	4/21/99	BC
Rough Heating			Final Gas		
Electrical Service and Ground			Final Fire		
Rough Electrical			Developer Fees Paid		
Rough Plumbing			Certificate of Occupancy		
WC (Y/N)		Ind Saf (Y/N)			

SEPTIC TANK _____ GALS. _____
SEEP. PIT _____ X _____
LEACH LINE _____ WIDE _____
X _____ LONG X _____ DEPTH OF ROCK _____

N.

W. **E.**

S.

Inspector's Signature and Initials BC Duley Crawford

207 SAN BERNARDINO COUNTY-EPWA/LAND MANAGEMENT DEPT
OFFICE OF BUILDING AND SAFETY P E R M I T APPLICATION
THIS IS NOT A PERMIT UNTIL ISSUED

PERMIT NBR 207 01 00001 255J 01 | STATUS: ACTIV

APPL DATE 01/08/01 | ISSUE DATE 01/08/01 | PG 1 OF 1

PARCEL NUMBER 0264-431-13-0000

PROPOSED USE: ELECT. UPGRADE TO BLDG
CURRENT USE: SAND AND GRAVEL FACILITY

TRACT	BLK	LOT	SEC	TWN	RNG	PRCL MAP	PRCL
5135	000	001	SE25	01N	05W	0	0

ACTIVITY : .

SUBDIVISION NAME	SUBDIVISION PARCEL NO

COMMUNITY PLAN	ZONE/LAND USE DISTRICT	GENERAL PLAN
	RC/IL2/GH*	

APPLICANT NAME, MAILING ADDRESS, AND PHONE NUMBER
VULCAN MATERIALS CO.
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
(323) 474 - 3387

LOT DIMENSION IRREGULAR
#BLDGS ON LOT 3
CONST TYPE
GROUP

#PLANS RECD 0 LAND USE PLOT 0
STD PLAN/ICBO
INDEX NBR 205-64
FHA

OWNER NAME, MAILING ADDRESS, AND PHONE NUMBER
VULCAN MATERIALS CO.
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
(323) 474 - 3387

ITEM CNT	DESCRIPTION	DETAIL	TOTALS
1	OV 600/1000AMP SERV	147.00	
	ELEC SUB-TOTAL		147.00
	ISSUANCE FEE		30.45
	MICROFILM COPIES		6.50
	TOTAL AMOUNT		183.95

JOB SITE ADDRESS
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
CROSS STREET SYCAMORE AVENUE
INSPECTN ACCESS

2/7/01
complete
CA

CONTRACTOR NAME, ADDRESS LICENSE NUMBER

DIV. OF IND. SAFETY PERMIT:

MINIMUM SETBACK DISTANCES *** PER PLOT ***

MECHANICAL EQUIP NOT PERMITTED IN REQUIRED SIDE SETBACKS

NO. STORIES	NO. DWELLING UNITS	NO. BEDROOMS	FLOOR

EXT. WALLS	INT. WALLS	CEILING

ROOF	HEATING	FIREPLACES METAL	FIREPLACES MASRY

WATER	SEWER	MIN DEPTH	S.F./100	SIZE	NEW/REPAIR
PUBLIC		000	000	0000	

COMMENTS
PRE-ALTER BY GEORGE A.ON 1-8-01
PLANS APPROVED BY GEORGE OK TO ISSUE.

AMT WAIVED/DEFERRED .00 AMT PAID 183.95
PAYOR NAME: EDISON F. LOPEZ PAID 01/08/01
RECEIPT : 48 EMPL: STEVENS, BETTY
PAID BY : CHECK NBR : 0423

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class _____ License No. _____

Date _____ Contractor _____

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law Chapter 9 (commencing with Section 7000) of Division 3 of the business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.).

☑ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law.).

☐ I am exempt under Sec. _____ Business and Professions Code for this reason: _____

Date: 1-8-01 Owner: Edwin Lopez

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier _____

Policy Number _____

(This section need not be completed if the permit is for one hundred dollars [$100] or less.)

☑ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: 1-8-01 Applicant: Edwin Lopez

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

The California Health and Safety Code requires a Division of Industrial Safety Permit as a prerequisite to permit issuance unless the applicant signs one of the certificates below.

☐ I certify that no excavation 5 feet or more feet in depth, into which a person is required to descend, will be made in connection with work authorized by this permit, and that no building, structure, scaffolding, falsework, or demolition or dismantling thereof, will be more than 36 feet high.

☐ As owner/builder I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above unless such person has a permit from that division.

Division of Industrial Safety Permit Number _____

HAZARDOUS MATERIALS/ASBESTOS DECLARATION

I have read the Hazardous Materials Questionnaire and the work applied for on this permit ☐ is ☐ is not subject to the applicable requirements of the Health and Safety Code and the local air quality agency.

I have read the requirements for asbestos notification and the work applied for on this permit ☐ is ☐ is not subject to the applicable requirements of the Heath and Safety Code and the local air quality agency.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

Edwin Lopez 1-8-01

Signature of Applicant or Agent Date

EXPIRATION AND REFUND NOTICE: Applications for which no permit is issued within 180 days from the date of application shall expire. Permits shall expire if work does not commence within 180 days of issuance of such permit or if the work is suspended or abandoned for a period of 180 days. Fees paid are not refundable after one (1) year from date of payment. All fees paid may not be refundable.

207 SAN BERNARDINO COUNTY-EPWA/LAND MANAGEMENT DEPT
OFFICE OF BUILDING AND SAFETY P E R M I T APPLICATION
THIS IS NOT A PERMIT UNTIL ISSUED

APPL NBR 207 01 00001 3065 01	STATUS: PAID
APPL DATE 01/08/01	ISSUE DATE 00/00/00	PG 1 OF 1

PARCEL NUMBER 0264-431-13-0000

PROPOSED USE: HRLY REVIEW/ELECT. UPGRADE
CURRENT USE: SAND AND GRAVEL FACILITY

TRACT	BLK	LOT	SEC	TWN	RNG	PRCL MAP	PRCL
5135	000	001	SE25	01N	05W	0	0

ACTIVITY : .

SUBDIVISION NAME	SUBDIVISION PARCEL NO

COMMUNITY PLAN	ZONE/LAND USE DISTRICT	GENERAL PLAN
	RC/IL2/GH*	

APPLICANT NAME, MAILING ADDRESS, AND PHONE NUMBER
VULCAN MATERIALS CO.
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
(323) 474 - 3387

LOT DIMENSION IRREGULAR
#BLDGS ON LOT 3
CONST TYPE
GROUP

#PLANS RECD 2 LAND USE PLOT 0
STD PLAN/ICBO
INDEX NBR 205-64
FHA

OWNER NAME, MAILING ADDRESS, AND PHONE NUMBER
VULCAN MATERIALS CO.
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
(323) 474 - 3387

ITEM CNT	DESCRIPTION	DETAIL	TOTALS
	PLAN REVIEW HOUR		88.20
	MICROFILM COPIES		6.50
	TOTAL AMOUNT		94.70

JOB SITE ADDRESS
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
CROSS STREET SYCAMORE AVENUE
INSPECTN ACCESS

CONTRACTOR NAME, ADDRESS LICENSE NUMBER

DIV. OF IND. SAFETY PERMIT:

MINIMUM SETBACK DISTANCES *** PER PLOT ***

MECHANICAL EQUIP NOT PERMITTED IN REQUIRED SIDE SETBACKS

NO. STORIES	NO. DWELLING UNITS	NO. BEDROOMS	FLOOR

EXT. WALLS	INT. WALLS	CEILING

ROOF	HEATING	FIREPLACES METAL	FIREPLACES MASRY

WATER	SEWER	MIN DEPTH	S.F./100	SIZE	NEW/REPAIR
PUBLIC		000	000	0000	

COMMENTS

AMT WAIVED/DEFERRED .00 AMT PAID 94.70
PAYOR NAME: EDISON F. LOPEZ PAID 01/08/01
RECEIPT : 47 EMPL: STEVENS, BETTY
PAID BY : CHECK NBR : 0423

LICENSED CONTRACTOR'S DECLARATION

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class _____ License No. _____

Date _____ Contractor _____

OWNER-BUILDER DECLARATION

I hereby affirm under penalty of perjury that I am exempt from the Contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law Chapter 9 (commencing with Section 7000) of Division 3 of the business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).

☐ I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.).

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law.).

☐ I am exempt under Sec. _____ Business and Professions Code for this reason: _____

Date _____ Owner _____

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

☐ I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

☐ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier _____

Policy Number _____

(This section need not be completed if the permit is for one hundred dollars [$100] or less.)

☐ I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date: _____ Applicant: _____

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

CONSTRUCTION LENDING AGENCY

I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.).

Lender's Name _____

Lender's Address _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

The California Health and Safety Code requires a Division of Industrial Safety Permit as a prerequisite to permit issuance unless the applicant signs one of the certificates below.

☐ I certify that no excavation 5 feet or more feet in depth, into which a person is required to descend, will be made in connection with work authorized by this permit, and that no building, structure, scaffolding, falsework, or demolition or dismantling thereof, will be more than 36 feet high.

☐ As owner/builder I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above unless such person has a permit from that division.

Division of Industrial Safety Permit Number _____

HAZARDOUS MATERIALS/ASBESTOS DECLARATION

I have read the Hazardous Materials Questionnaire and the work applied for on this permit ☐ is ☐ is not subject to the applicable requirements of the Health and Safety Code and the local air quality agency.

I have read the requirements for asbestos notification and the work applied for on this permit ☐ is ☐ is not subject to the applicable requirements of the Heath and Safety Code and the local air quality agency.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this county to enter upon the above-mentioned property for inspection purposes.

_____ _____

Signature of Applicant or Agent Date

EXPIRATION AND REFUND NOTICE: Applications for which no permit is issued within 180 days from the date of application shall expire. Permits shall expire if work does not commence within 180 days of issuance of such permit or if the work is suspended or abandoned for a period of 180 days. Fees paid are not refundable after one (1) year from date of payment. All fees paid may not be refundable.

Owner Name Vulcan **Permit Number** 207 0ϕ 00001 255J%

INSPECTION RECORD

	DATE	INSPECTOR		DATE	INSPECTOR
Setback			Shower Pan Test		
Temporary Power			Stucco Mesh or Exterior Siding		
Foundation Reinforcing Steel			Insulation		
Rough Grading Certification			Sewer		
Excavation and Forms			Interceptor		
F.H.A. Foundation Req.			Septic Tank		
Slab Grade			Leach Line or Seep Pit		
Ground Plumbing			Water Service		
Underslab Ducts			Lath or Drywall Nailing		
Underslab Conduit			Gas Line Air Test		
Fireplace Foundation			Final Energy		
Joists and Girders			Final Plumbing		
Electrical Ground	2/7/01	G	Final Heating/A.C.		
Mid-Height Bond Beam			Special Inspector Reports		
8-Foot Bond Beam			Final Grading Certification		
Final Bond Beam			Final Construction		
Fireplace Bond Beam			Final On-Site Improvements		
Shear Panel			Final Off-Site Improvements		
Roof Sheathing			Final Dedication		
Framing and Ventilation			Final Zoning		
Roof Covering			Final Electrical	2/7/01	G
Rough Heating			Final Gas		
Electrical Service and Ground	2/7/01	G	Final Fire		
Rough Electrical			Developer Fees Paid		
Rough Plumbing			Certificate of Occupancy		
WC (Y/N)	Ind Saf (Y/N)				

New Service E.E.P. Set OK Copy Submitted. Cutler Hammer 2/5/01 DD# ELA001341 J.
Edison crew was at Site & I OKed Panel to be energized at site.

Complete 2/7/01 G

SEPTIC TANK _____ GALS. _____
SEEP. PIT _____ X _____
LEACH LINE _____ WIDE _____
X _____ LONG X _____ DEPTH OF ROCK _____

N.

W. E.

S.

Inspector's Signature and Initials G# Thomas Cole

207 92 25

207 SAN BERNARDINO COUNTY-EPWA/LAND MANAGEMENT DEPT
OFFICE OF BUILDING AND SAFETY P E R M I T APPLICATION
THIS IS NOT A PERMIT UNTIL ISSUED

PARCEL NUMBER 0264-431-13-0000

TRACT	BLK	LOT	SEC	TWN	RNG	PRCL MAP	PRCL
	000	000	SE25	01N	05W	0	0

SUBDIVISION NAME | SUBDIVISION PARCEL NO

APPLICANT NAME, MAILING ADDRESS, AND PHONE NUMBER
HICHBORN, GEOFFREY
7319 GROVEWOOD LANE
ORANGE CA 92669-0000
(714) 532 - 5238

OWNER NAME, MAILING ADDRESS, AND PHONE NUMBER
CALMAT
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
(714) 875 - 1150

JOB SITE ADDRESS
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
CROSS STREET SYCAMORE AVENUE
INSPECTN ACCESS

CONTRACTOR NAME, ADDRESS LICENSE NUMBER

DIV. OF IND. SAFETY PERMIT:

MINIMUM SETBACK DISTANCES *** PER PLOT ***

MECHANICAL EQUIP NOT PERMITTED IN REQUIRED SIDE SETBACKS

NO. STORIES	NO. DWELLING UNITS	NO. BEDROOMS	FLOOR
1			CONCRETE

EXT. WALLS	INT. WALLS	CEILING
METAL	FRAME	OTHER

ROOF	HEATING	FIREPLACES	
METAL		METAL	MASRY

WATER	SEWER	MIN DEPTH	S.F./100	SIZE	NEW/REPAIR
PUBLIC		000	000	0000	

COMMENTS
* MED TO HIGH LIQUEFACTION.
PERMIT TO BE ISSUED AFTER LETTER OF AUTHORIZATION TO SIGN FOR OWNER IS RECEIVED.
3/24/92 LETTER RECEIVED CB.

PERMIT NBR 207 92 00025 201J 01 | STATUS: ACTIV

APPL DATE 03/19/92 | ISSUE DATE 03/24/92 | PG 1 OF 1

PROPOSED USE: REPLACE TRUCK WASH STRUCTURE
CURRENT USE: SAND AND GRAVEL FACILITY

ACTIVITY : L818 L041

COMMUNITY PLAN	ZONE/LAND USE DISTRICT	GENERAL PLAN
	RC/IL2/GH*	

LOT DIMENSION IRREGULAR
#BLDGS ON LOT 3
CONST TYPE IIN
GROUP CANO

#PLANS RECD 3 LAND USE PLOT 0
STD PLAN/ICBO
INDEX NBR 205-64
FHA

TYPE	SQ. FT.	FACTOR/P.S.F.	ADJSTED AREA/VALUATN
01	1196	19.08	22819.68

CALC. VALU 22,819.68 | ADJUSTED AREA 1196

ITEM CNT	DESCRIPTION	DETAIL	TOTALS
	VALUATION BASED FEE		443.00
	SMIP SURCHARGE		4.80
	TOTAL AMOUNT		447.80

COMPLETED
DATE 5/8/92

AMT WAIVED .00 AMT PAID 447.80
PAYOR NAME: HICHBORN CONSULTING GROUP PAID 03/19/92
RECEIPT : 51459 EMPL: BETHARD, CHRISTIE
PAID BY : CHECK NBR : 1169

LICENSED CONTRACTORS DECLARATION

I HEREBY AFFIRM THAT I AM LICENSED UNDER THE PROVISIONS OF CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND MY LICENSE IS IN FULL FORCE AND EFFECT.

LICENSE CLASS_____ LICENSE NUMBER_____ CONTRACTOR_____ DATE_____

OWNER-BUILDER DECLARATION

I HEREBY AFFIRM THAT I AM EXEMPT FROM THE CONTRACTORS LICENSE LAW FOR THE FOLLOWING REASON (SECTION 7031.5, BUSINESS AND PROFESSIONS CODE: ANY CITY OR COUNTY WHICH REQUIRES A PERMIT TO CONSTRUCT, ALTER, IMPROVE, DEMOLISH OR REPAIR ANY STRUCTURE, PRIOR TO ITS ISSUANCE, ALSO REQUIRES THE APPLICANT FOR SUCH PERMIT TO FILE A SIGNED STATEMENT THAT HE OR SHE IS LICENSED PURSUANT TO THE PROVISIONS OF THE CONTRACTORS LICENSE LAW [CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE] OR THAT HE OR SHE IS EXEMPT THEREFROM AND THE BASIS FOR THE ALLEGED EXEMPTION. ANY VIOLATION OF SECTION 7031.5 BY ANY APPLICANT FOR A PERMIT SUBJECTS THE APPLICANT TO A CIVIL PENALTY OF NOT MORE THAN FIVE HUNDRED DOLLARS [$500].):

☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYEES WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED OR OFFERED FOR SALE (SECTION 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTORS LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO DOES SUCH WORK HIMSELF OR HERSELF OR THROUGH HIS OR HER OWN EMPLOYEES, PROVIDED THAT SUCH IMPROVEMENTS ARE NOT INTENDED OR OFFERED FOR SALE; IF, HOWEVER, THE BUILDING OR IMPROVEMENT IS SOLD WITHIN ONE YEAR OF COMPLETION, THE OWNER-BUILDER WILL HAVE THE BURDEN OF PROVING THAT HE OR SHE DID NOT BUILD OR IMPROVE FOR THE PURPOSE OF SALE).

☐ I, AS OWNER OF THE PROPERTY, AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO CONSTRUCT THE PROJECT (SEC. 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTORS LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO CONTRACTS FOR SUCH PROJECTS WITH A CONTRACTOR(S) LICENSED PURSUANT TO THE CONTRACTORS LICENSE LAW).

☐ I AM EXEMPT UNDER SEC. _____ B. AND P. C. FOR THIS REASON _____

OWNER_____ DATE_____

WORKERS' COMPENSATION DECLARATION

I HEREBY AFFIRM THAT I HAVE A CERTIFICATE OF CONSENT TO SELF-INSURE OR A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE OR A CERTIFIED COPY THEREOF (SEC. 3800, LAB.C.).

POLICY NO._____ COMPANY_____

☐ CERTIFIED COPY IS HEREBY FURNISHED

☐ CERTIFIED COPY IS FILED WITH THE COUNTY BUILDING INSPECTION DEPARTMENT

APPLICANT_____ DATE_____

ADDITIONAL REVISION_____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE (THIS SECTION NEED NOT BE COMPLETED IF THE PERMIT IS FOR ONE HUNDRED DOLLARS [$100] OR LESS).

I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKERS' COMPENSATION LAWS OF CALIFORNIA.

APPLICANT_____ DATE_____

NOTICE TO APPLICANT: IF, AFTER MAKING THIS CERTIFICATE OF EXEMPTION, YOU SHOULD BECOME SUBJECT TO THE WORKERS' COMPENSATION PROVISIONS OF THE LABOR CODE, YOU MUST FORTHWITH COMPLY WITH SUCH PROVISIONS OR THIS PERMIT SHALL BE DEEMED REVOKED.

CONSTRUCTION LENDING AGENCY

I HEREBY AFFIRM THAT THERE IS A CONSTRUCTION LENDING AGENCY FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED (SEC. 3097, CIV. C.).

LENDER'S NAME_____ LENDER'S ADDRESS_____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

THE CALIFORNIA HEALTH AND SAFETY CODE REQUIRES A DIVISION OF INDUSTRIAL SAFETY PERMIT AS A PREREQUISITE TO PERMIT ISSUANCE UNLESS THE APPLICANT SIGNS ONE OF THE CERTIFICATES BELOW.

☐ I CERTIFY THAT NO EXCAVATION 5 FEET OR MORE FEET IN DEPTH, INTO WHICH A PERSON IS REQUIRED TO DESCEND, WILL BE MADE IN CONNECTION WITH WORK AUTHORIZED BY THIS PERMIT, AND THAT NO BUILDING, STRUCTURE, SCAFFOLDING, FALSEWORK, OR DEMOLITION OR DISMANTLING THEREOF, WILL BE MORE THAN 36 FEET HIGH.

☐ AS OWNER/BUILDER I WILL NOT EMPLOY ANYONE TO DO WORK WHICH WOULD REQUIRE A PERMIT FROM THE DIVISION OF INDUSTRIAL SAFETY, AS NOTED ABOVE UNLESS SUCH PERSON HAS A PERMIT FROM THAT DIVISION.

DIVISION OF INDUSTRIAL SAFETY PERMIT NUMBER _____

I HAVE READ THE HAZARDOUS MATERIALS QUESTIONNAIRE AND THE WORK APPLIED FOR ON THIS PERMIT ☐ IS ☐ IS NOT SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE HEALTH AND SAFETY CODE AND THE LOCAL AIR QUALITY AGENCY.

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT, I AGREE TO COMPLY WITH ALL CITY AND COUNTY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS COUNTY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

SIGNATURE OF APPLICANT OR AGENT _____ DATE _____

EXPIRATION AND REFUND NOTICE

APPLICATIONS FOR WHICH NO PERMIT IS ISSUED WITHIN 180 DAYS FROM THE DATE OF APPLICATION SHALL EXPIRE. PERMITS SHALL EXPIRE IF WORK DOES NOT COMMENCE WITHIN 180 DAYS OF ISSUANCE OF SUCH PERMIT OR IF THE WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS. FEES PAID ARE NOT REFUNDABLE AFTER 180 DAYS FROM DATE OF PAYMENT, EXCEPT FOR ERRORS IN ACCEPTANCE WHICH MAY BE REFUNDABLE UP TO ONE YEAR FROM DATE OF PAYMENT. ALL FEES PAID MAY NOT BE REFUNDABLE.

207 92 25

207 SAN BERNARDINO COUNTY--EPWA/LAND MANAGEMENT DEPT
OFFICE OF BUILDING AND SAFETY P E R M I T APPLICATION
THIS IS NOT A PERMIT UNTIL ISSUED

PARCEL NUMBER 0264-451-13-0000

TRACT	BLK	LOT	SEC	TWN	RNG	PRCL MAP	PRCL
	000	000	SE25	01N	05W	0	0

SUBDIVISION NAME | SUBDIVISION PARCEL NO

APPLICANT NAME, MAILING ADDRESS, AND PHONE NUMBER
HICHBORN, GEOFFREY
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ORANGE CA 92669-0000
(714) 532 - 5238

OWNER NAME, MAILING ADDRESS, AND PHONE NUMBER
CALMAT
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
(714) 875 - 1150

JOB SITE ADDRESS
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
CROSS STREET SYCAMORE AVENUE
INSPECTN ACCESS

CONTRACTOR NAME, ADDRESS LICENSE NUMBER

DIV. OF IND. SAFETY PERMIT:

MINIMUM SETBACK DISTANCES *** PER PLOT ***

MECHANICAL EQUIP NOT PERMITTED IN REQUIRED SIDE SETBACKS

NO. STORIES	NO. DWELLING UNITS	NO. BEDROOMS	FLOOR
1			CONCRETE

EXT. WALLS	INT. WALLS	CEILING
METAL	FRAME	OTHER

ROOF	HEATING	FIREPLACES	
METAL		METAL	MASRY

WATER	SEWER	MIN DEPTH	S.F./100	SIZE	NEW/REPAIR
PUBLIC		000	000	0000	

COMMENTS
* MED TO HIGH LIQUEFACTION.
PERMIT TO BE ISSUED AFTER LETTER OF AUTHORIZATION TO SIGN FOR OWNER IS RECEIVED.

PERMIT NBR 207 92 00025 201J 01 | STATUS: PAID

APPL DATE 03/19/92 | ISSUE DATE 00/00/00 | PG 1 OF 1

PROPOSED USE: REPLACE TRUCK WASH STRUCTURE
CURRENT USE: SAND AND GRAVEL FACILITY

ACTIVITY : L818 L041

COMMUNITY PLAN	ZONE/LAND USE DISTRICT	GENERAL PLAN
	RC/IL2/GH*	

LOT DIMENSION IRREGULAR | CONST TYPE IIN
#BLDGS ON LOT 3 | GROUP CANO

#PLANS RECD 3 LAND USE PLOT 0 | INDEX NBR 205-64
STD PLAN/ICBO | FHA

TYPE	SQ. FT.	FACTOR/P.S.F.	ADJSTED AREA/VALUATN
01	1196	19.08	22819.68

CALC. VALU 22,819.68 | ADJUSTED AREA 1196

ITEM CNT	DESCRIPTION	DETAIL	TOTALS
	VALUATION BASED FEE		443.00
	SMIP SURCHARGE		4.80
	TOTAL AMOUNT		447.80

AMT WAIVED .00 AMT PAID 447.80
PAYOR NAME: HICHBORN CONSULTING GROUP PAID 03/19/92
RECEIPT : 51459 EMPL: BETHARD, CHRISTIE
PAID BY : CHECK NBR : 1169

LICENSED CONTRACTORS DECLARATION

I HEREBY AFFIRM THAT I AM LICENSED UNDER THE PROVISIONS OF CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND MY LICENSE IS IN FULL FORCE AND EFFECT.

LICENSE CLASS_____ LICENSE NUMBER_____ CONTRACTOR_____ DATE_____

OWNER-BUILDER DECLARATION

I HEREBY AFFIRM THAT I AM EXEMPT FROM THE CONTRACTORS LICENSE LAW FOR THE FOLLOWING REASON (SECTION 7031.5, BUSINESS AND PROFESSIONS CODE: ANY CITY OR COUNTY WHICH REQUIRES A PERMIT TO CONSTRUCT, ALTER, IMPROVE, DEMOLISH OR REPAIR ANY STRUCTURE, PRIOR TO ITS ISSUANCE, ALSO REQUIRES THE APPLICANT FOR SUCH PERMIT TO FILE A SIGNED STATEMENT THAT HE OR SHE IS LICENSED PURSUANT TO THE PROVISIONS OF THE CONTRACTORS LICENSE LAW [CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE] OR THAT HE OR SHE IS EXEMPT THEREFROM AND THE BASIS FOR THE ALLEGED EXEMPTION. ANY VIOLATION OF SECTION 7031.5 BY ANY APPLICANT FOR A PERMIT SUBJECTS THE APPLICANT TO A CIVIL PENALTY OF NOT MORE THAN FIVE HUNDRED DOLLARS [$500].):

☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYEES WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED OR OFFERED FOR SALE (SECTION 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTORS LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO DOES SUCH WORK HIMSELF OR HERSELF OR THROUGH HIS OR HER OWN EMPLOYEES, PROVIDED THAT SUCH IMPROVEMENTS ARE NOT INTENDED OR OFFERED FOR SALE; IF, HOWEVER, THE BUILDING OR IMPROVEMENT IS SOLD WITHIN ONE YEAR OF COMPLETION, THE OWNER-BUILDER WILL HAVE THE BURDEN OF PROVING THAT HE OR SHE DID NOT BUILD OR IMPROVE FOR THE PURPOSE OF SALE).

☒ I, AS OWNER OF THE PROPERTY, AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO CONSTRUCT THE PROJECT (SEC. 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTORS LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO CONTRACTS FOR SUCH PROJECTS WITH A CONTRACTOR(S) LICENSED PURSUANT TO THE CONTRACTORS LICENSE LAW).

☐ I AM EXEMPT UNDER SEC. _____ B. AND P. C. FOR THIS REASON _____

OWNER Duffy Drehm DATE 3-19-92

WORKERS' COMPENSATION DECLARATION

I HEREBY AFFIRM THAT I HAVE A CERTIFICATE OF CONSENT TO SELF-INSURE OR A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE OR A CERTIFIED COPY THEREOF (SEC. 3800, LAB.C.).

POLICY NO._____ COMPANY_____

☐ CERTIFIED COPY IS HEREBY FURNISHED

☐ CERTIFIED COPY IS FILED WITH THE COUNTY BUILDING INSPECTION DEPARTMENT

APPLICANT_____ DATE_____

ADDITIONAL REVISION_____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE (THIS SECTION NEED NOT BE COMPLETED IF THE PERMIT IS FOR ONE HUNDRED DOLLARS [$100] OR LESS).

I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKERS' COMPENSATION LAWS OF CALIFORNIA.

APPLICANT Duffy Drehm DATE 3-19-92

NOTICE TO APPLICANT: IF, AFTER MAKING THIS CERTIFICATE OF EXEMPTION, YOU SHOULD BECOME SUBJECT TO THE WORKERS' COMPENSATION PROVISIONS OF THE LABOR CODE, YOU MUST FORTHWITH COMPLY WITH SUCH PROVISIONS OR THIS PERMIT SHALL BE DEEMED REVOKED.

CONSTRUCTION LENDING AGENCY

I HEREBY AFFIRM THAT THERE IS A CONSTRUCTION LENDING AGENCY FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED (SEC. 3097, CIV. C.).

LENDER'S NAME_____ LENDER'S ADDRESS_____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

THE CALIFORNIA HEALTH AND SAFETY CODE REQUIRES A DIVISION OF INDUSTRIAL SAFETY PERMIT AS A PREREQUISITE TO PERMIT ISSUANCE UNLESS THE APPLICANT SIGNS ONE OF THE CERTIFICATES BELOW.

☒ I CERTIFY THAT NO EXCAVATION 5 FEET OR MORE FEET IN DEPTH, INTO WHICH A PERSON IS REQUIRED TO DESCEND, WILL BE MADE IN CONNECTION WITH WORK AUTHORIZED BY THIS PERMIT, AND THAT NO BUILDING, STRUCTURE, SCAFFOLDING, FALSEWORK, OR DEMOLITION OR DISMANTLING THEREOF, WILL BE MORE THAN 36 FEET HIGH.

☒ AS OWNER/BUILDER I WILL NOT EMPLOY ANYONE TO DO WORK WHICH WOULD REQUIRE A PERMIT FROM THE DIVISION OF INDUSTRIAL SAFETY, AS NOTED ABOVE UNLESS SUCH PERSON HAS A PERMIT FROM THAT DIVISION.

DIVISION OF INDUSTRIAL SAFETY PERMIT NUMBER _____

I HAVE READ THE HAZARDOUS MATERIALS QUESTIONNAIRE AND THE WORK APPLIED FOR ON THIS PERMIT ☐ IS ☒ IS NOT SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE HEALTH AND SAFETY CODE AND THE LOCAL AIR QUALITY AGENCY.

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT, I AGREE TO COMPLY WITH ALL CITY AND COUNTY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS COUNTY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

SIGNATURE OF APPLICANT OR AGENT Duffy Drehm DATE 3-19-92

EXPIRATION AND REFUND NOTICE

APPLICATIONS FOR WHICH NO PERMIT IS ISSUED WITHIN 180 DAYS FROM THE DATE OF APPLICATION SHALL EXPIRE. PERMITS SHALL EXPIRE IF WORK DOES NOT COMMENCE WITHIN 180 DAYS OF ISSUANCE OF SUCH PERMIT OR IF THE WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS. FEES PAID ARE NOT REFUNDABLE AFTER 180 DAYS FROM DATE OF PAYMENT, EXCEPT FOR ERRORS IN ACCEPTANCE WHICH MAY BE REFUNDABLE UP TO ONE YEAR FROM DATE OF PAYMENT. ALL FEES PAID MAY NOT BE REFUNDABLE.

OWNER-BUILDER VERIFICATION

Attention Property Owner:

An "Owner-Builder" building permit has been applied for in your name and bearing your signature. Please complete and return this information to avoid unnecessary delay in processing and issuing your building permit. **No building permit will be issued until this verification is received.**

1. I personally plan to provide the major labor and materials for construction of the proposed property improvement. ☐ Yes ☐ No

2. I (have or have not) _____ signed an application for a building permit for the proposed work.

3. I have contracted with the following person (firm) to provide the proposed work.

   Name _____ Address _____
   Contractor's License No. _____ City _____
   State _____ Zip _____
   Phone _____

4. I plan to provide portions of the work, but I have hired the following person to coordinate, supervise, and provide the major work:

   Name _____ Address _____
   Contractor's License No. _____ City _____
   State _____ Zip _____
   Phone _____

5. I will provide some of the work but I have contracted (hired) the following persons to provide the work indicated:

   Name _____
   Address _____
   Phone _____ Type of Work _____

   Name _____
   Address _____
   Phone _____ Type of Work _____

   Name _____
   Address _____
   Phone _____ Type of Work _____

Signed: Property Owner _____ Date 3-19-92

Please complete this information and return to the San Bernardino County Building and Safety Department listed below that will be issuing your permit:

- 301 E. Mt. View Avenue — Barstow, CA 92311 — (619) 256-4750
- 477 Summit Blvd. — P.O. Box 2835 — Big Bear Lake, CA 92315 — (714) 866-4115
- 57404 Twentynine Palms Outer Highway South — Yucca Valley, CA 92284 — (619) 228-5430
- 320 E. "D" Street — Ontario, CA 91764 — (714) 391-7500
- 385 No. Arrowhead Avenue — San Bernardino, CA 92415-0181 — (714) 387-4244
- 26010 State Highway 189 — P.O. Box 185 — Twin Peaks, CA 92391 — (714) 336-0640
- 15505 Civic Drive — Victorville, CA 92392 — (619) 241-7691
- 34282 Yucaipa Blvd. — Yucaipa, CA 92339 — (714) 790-3158

Owner Name Calmat Permit Number 20792 00025201 J01

INSPECTION RECORD

	DATE	INSPECTOR		DATE	INSPECTOR
Setback	4-15-92	BC	Rough Plumbing		
Temporary Power			Shower Pan Test		
Foundation Reinforcing Steel *	4-16-92	BC	Stucco Mesh or Exterior Siding		
Excavation and Forms	4-15-92	BC	Insulation		
F.H.A. Foundation Req.			Sewer		
Slab Grade	4-30-92	TB	Interceptor		
Ground Plumbing			Septic Tank		
Underslab Ducts			Leach Line or Seep Pit		
Underslab Conduit	4-30-92	TB	Water Service		
Fireplace Foundation			Lath or Drywall Nailing		
Joists and Girders			Gas Line Air Test		
Electrical Ground			Final Energy		
Mid-Height Bond Beam			Final Plumbing	5-18-92	TB
8-Foot Bond Beam			Final Heating/A.C.		
Final Bond Beam			Final Construction	5-18-92	TB
Fireplace Bond Beam			Final On Site Improvements		
Roof Sheathing			Final Off Site Improvements		
Framing ~~and Ventilation~~	5-18-92	TB	Final Dedication		
Roof Covering	5-18-92	BC	Final Zoning		
Rough Heating			Final Electrical	5-18-92	TB
Electrical Service and Ground	5-18-92	TB	Final Gas		
Rough Electrical	5-12-92	TB	Developer Fees Paid		
WC (Y/N)	Ind Saf (Y/N)		Certificate of Occupancy		

4-9-92 WANTED PRE INSPECTION, THEY ARE DOING A 18" COMPACTED FILL. TOLD HIM TO PROVIDE COMPACTION REPORT BY FOUNDATION INSPECTION. TB

*4-15-92 (3) POST ON SO. SIDE IN PLACE. BC

4/27/92 slab grade weir + north Dan E

4-30-92 APPROVED REMAINDER OF FOOTING & SLAB TB

COMPLETED
DATE 5-18-92

SEPTIC TANK _____ GALS. _____

SEEP. PIT _____ X _____

LEACH LINE _____ WIDE _____

X _____ LONG X _____ DEPTH OF ROCK _____

N.

W. E. TB Tom Cannon

S. Inspector's Signature and Initials BC Betty Cardarelli

12-17589-469 Rev. 3/88

207 SAN BERNARDINO COUNTY-EPWA/LAND MANAGEMENT DEPT
OFFICE OF BUILDING AND SAFETY P E R M I T APPLICATION
THIS IS NOT A PERMIT UNTIL ISSUED

PERMIT NBR 207 87 00005 201J 01 | PAGE 1 OF 1

APPL DATE 09/17/87 | ISSUE DATE 09/21/87

PROPOSED USE: COMMERCIAL STORAGE BLDG
CURRENT USE: OFFICE AND WORK SHOP

PARCEL NUMBER 0264431130000

TRACT	BLK	LOT	SEC	TWN	RNG	PRCL MAP	PRCL
	000	000	SE25	01N	05W	0	0

COMMUNITY PLAN	ZONE/LAND USE DISTRICT	GENERAL PLAN
	M2-T(46)	RCN

SUBDIVISION NAME	SUBDIVISION PARCEL NO

LOT DIMENSION IRREGULAR
#BLDGS ON LOT 2
CONST TYPE IIN
GROUP

APPLICANT NAME, MAILING ADDRESS, AND PHONE NUMBER
MERRIMAN'S INC
546
CALIMESA CA 92320-0000
(714) 795 - 2403

#PLANS RECD 0 LAND USE PLOT 0
STD PLAN/ICBO
INDEX NBR 205-64
FHA

OWNER NAME, MAILING ADDRESS, AND PHONE NUMBER
CALMAT
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
(714) 875 - 1150

GRADING	INITIAL	ACTUAL
CU.YDS. EXC.		
CU.YDS. FILL		

TYPE	SQ. FT.	FACTOR/P.S.F.	ADJSTED AREA/VALUATN
01	960	45.00	43200.00

CALC. VALU 43,200.00 | ADJUSTED AREA 960

JOB SITE ADDRESS
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
CROSS STREET SYCAMORE AVENUE
INSPECTN ACCESS

ITEM CNT	DESCRIPTION	DETAIL	TOTALS
	COMMER/INDUST CONST		449.90
	SMIP SURCHARGE		3.03
	TOTAL AMOUNT		452.93

CONTRACTOR NAME LICENSE NUMBER
MERRIMAN'S INCORPORATED CONT000292346

MAILING ADDRESS, PHONE NUMBER
987 CALIMESA BLVD
CALIMESA CA 92320-0000
(000) 000 - 0000

MINIMUM SETBACK DISTANCES *** PER PLOT ***

MECHANICAL EQUIP NOT PERMITTED IN REQUIRED SIDE SETBACKS

NO. STORIES	NO. DWELLING UNITS	NO. BEDROOMS	FLOOR
1			CO

EXT. WALLS	INT. WALLS	CEILING
ME	FR	

ROOF	HEATING	FIREPLACES	
ME		METAL	MASRY

WATER	SEWER	MIN DEPTH	S.F./100	SIZE	NEW/REPAIR
PUBLIC		000	000	0000	

COMMENTS

School Fees Paid -
Ltr on file

AMT WAIVED .00 AMT PAID 452.93
PAYOR NAME: MERRIMANS INCORPORATED PAID 09/21/87
RECEIPT : 047130 EMPL: GRAY, S

LICENSED CONTRACTORS DECLARATION

I HEREBY AFFIRM THAT I AM LICENSED UNDER THE PROVISIONS OF CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND MY LICENSE IS IN FULL FORCE AND EFFECT.

LICENSE CLASS B-1 LICENSE NUMBER 292346 CONTRACTOR MERRIMAN'S INC. DATE 9-21-87

OWNER-BUILDER DECLARATION

I HEREBY AFFIRM THAT I AM EXEMPT FROM THE CONTRACTORS LICENSE LAW FOR THE FOLLOWING REASON (SECTION 7031.5, BUSINESS AND PROFESSIONS CODE: ANY CITY OR COUNTY WHICH REQUIRES A PERMIT TO CONSTRUCT, ALTER, IMPROVE, DEMOLISH OR REPAIR ANY STRUCTURE, PRIOR TO ITS ISSUANCE, ALSO REQUIRES THE APPLICANT FOR SUCH PERMIT TO FILE A SIGNED STATEMENT THAT HE OR SHE IS LICENSED PURSUANT TO THE PROVISIONS OF THE CONTRACTORS LICENSE LAW [CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE] OR THAT HE OR SHE IS EXEMPT THEREFROM AND THE BASIS FOR THE ALLEGED EXEMPTION. ANY VIOLATION OF SECTION 7031.5 BY ANY APPLICANT FOR A PERMIT SUBJECTS THE APPLICANT TO A CIVIL PENALTY OF NOT MORE THAN FIVE HUNDRED DOLLARS [$500].):

☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYEES WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED OR OFFERED FOR SALE (SECTION 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTORS LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO DOES SUCH WORK HIMSELF OR HERSELF OR THROUGH HIS OR HER OWN EMPLOYEES, PROVIDED THAT SUCH IMPROVEMENTS ARE NOT INTENDED OR OFFERED FOR SALE; IF, HOWEVER, THE BUILDING OR IMPROVEMENT IS SOLD WITHIN ONE YEAR OF COMPLETION, THE OWNER-BUILDER WILL HAVE THE BURDEN OF PROVING THAT HE OR SHE DID NOT BUILD OR IMPROVE FOR THE PURPOSE OF SALE).

☐ I, AS OWNER OF THE PROPERTY, AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO CONSTRUCT THE PROJECT (SEC. 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTORS LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO CONTRACTS FOR SUCH PROJECTS WITH A CONTRACTOR(S) LICENSED PURSUANT TO THE CONTRACTORS LICENSE LAW).

☐ I AM EXEMPT UNDER SEC. _____ B. AND P. C. FOR THIS REASON _____

OWNER _____ DATE _____

WORKERS' COMPENSATION DECLARATION

I HEREBY AFFIRM THAT I HAVE A CERTIFICATE OF CONSENT TO SELF-INSURE OR A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE OR A CERTIFIED COPY THEREOF (SEC. 3800, LAB.C.).

POLICY NO. _____ COMPANY _____

☐ CERTIFIED COPY IS HEREBY FURNISHED

☒ CERTIFIED COPY IS FILED WITH THE COUNTY BUILDING INSPECTION DEPARTMENT

APPLICANT Valerie Moore DATE 9-21-87

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE (THIS SECTION NEED NOT BE COMPLETED IF THE PERMIT IS FOR ONE HUNDRED DOLLARS [$100] OR LESS).

I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKERS' COMPENSATION LAWS OF CALIFORNIA.

APPLICANT Valerie Moore DATE 9-21-87

NOTICE TO APPLICANT: IF, AFTER MAKING THIS CERTIFICATE OF EXEMPTION, YOU SHOULD BECOME SUBJECT TO THE WORKERS' COMPENSATION PROVISIONS OF THE LABOR CODE, YOU MUST FORTHWITH COMPLY WITH SUCH PROVISIONS OR THIS PERMIT SHALL BE DEEMED REVOKED.

CONSTRUCTION LENDING AGENCY

I HEREBY AFFIRM THAT THERE IS A CONSTRUCTION LENDING AGENCY FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED (SEC. 3097, CIV. C.).

LENDER'S NAME _____ LENDER'S ADDRESS _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

THE CALIFORNIA HEALTH AND SAFETY CODE REQUIRES A DIVISION OF INDUSTRIAL SAFETY PERMIT AS A PREREQUISITE TO PERMIT ISSUANCE UNLESS THE APPLICANT SIGNS ONE OF THE CERTIFICATES BELOW.

☒ I CERTIFY THAT NO EXCAVATION 5 FEET OR MORE FEET IN DEPTH, INTO WHICH A PERSON IS REQUIRED TO DESCEND, WILL BE MADE IN CONNECTION WITH WORK AUTHORIZED BY THIS PERMIT, AND THAT NO BUILDING, STRUCTURE, SCAFFOLDING, FALSEWORK, OR DEMOLITION OR DISMANTLING THEREOF, WILL BE MORE THAN 36 FEET HIGH.

☐ AS OWNER/BUILDER I WILL NOT EMPLOY ANYONE TO DO WORK WHICH WOULD REQUIRE A PERMIT FROM THE DIVISION OF INDUSTRIAL SAFETY, AS NOTED ABOVE UNLESS SUCH PERSON HAS A PERMIT FROM THAT DIVISION.

DIVISION OF INDUSTRIAL SAFETY PERMIT NUMBER _____

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT, I AGREE TO COMPLY WITH ALL CITY AND COUNTY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS COUNTY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

SIGNATURE OF APPLICANT OR AGENT Valerie Moore DATE 9-21-87

EXPIRATION NOTICE

APPLICATIONS FOR WHICH NO PERMIT IS ISSUED WITHIN 180 DAYS FOLLOWING THE DATE OF APPLICATION SHALL EXPIRE, EVERY PERMIT SHALL EXPIRE IF WORK DOES NOT COMMENCE WITHIN 180 DAYS OF ISSUANCE OF SUCH PERMIT OR IF THE WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS, FEES PAID ARE NOT REFUNDABLE AFTER ONE YEAR FROM DATE OF PAYMENT, ALL FEES PAID MAY NOT BE REFUNDABLE.

12-17588-469

20787 5

CORRECTED

207 SAN BERNARDINO COUNTY-EPWA/LAND MANAGEMENT DEPT
OFFICE OF BUILDING AND SAFETY P E R M I T APPLICATION
THIS IS NOT A PERMIT UNTIL ISSUED

PERMIT NBR 207 87 00005 201J 02 | STATUS: ACTIV

APPL DATE 02/21/91 | ISSUE DATE 02/21/91 | PG 1 OF 1

PROPOSED USE: COMMERCIAL STORAGE BLDG
CURRENT USE: OFFICE AND WORK SHOP

PARCEL NUMBER 0264-431-13-0000

TRACT	BLK	LOT	SEC	TWN	RNG	PRCL MAP	PRCL
	000	000	SE25	01N	05W	0	0

ACTIVITY : L818 L041

SUBDIVISION NAME	SUBDIVISION PARCEL NO

COMMUNITY PLAN	ZONE/LAND USE DISTRICT	GENERAL PLAN
	RC/IL2/FR2/GH	

APPLICANT NAME, MAILING ADDRESS, AND PHONE NUMBER
MERRIMAN'S INC (DENYS MERRIMAN)
546
CALIMESA CA 92320-0000
(714) 795 - 2403

LOT DIMENSION IRREGULAR
#BLDGS ON LOT 2
CONST TYPE IIN
GROUP

#PLANS RECD 0 LAND USE PLOT 0
STD PLAN/ICBO
INDEX NBR 205-64
FHA

OWNER NAME, MAILING ADDRESS, AND PHONE NUMBER
CALMAT
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
(714) 875 - 1150

TYPE	SQ. FT.	FACTOR/P.S.F.	ADJSTED AREA/VALUATN
01	960	48.50	46560.00

CALC. VALU 46,560.00 | ADJUSTED AREA 960

JOB SITE ADDRESS
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
CROSS STREET SYCAMORE AVENUE
INSPECTN ACCESS

ITEM CNT	DESCRIPTION	DETAIL	TOTALS
	VALUATION BASED FEE		805.00
	RENEWAL HALF FEE		-402.50
	SMIP SURCHARGE		6.99
	TOTAL AMOUNT		409.49

CONTRACTOR NAME, ADDRESS LICENSE NUMBER
MERRIMAN'S INCORPORATE CONT000292346
987 CALIMESA BLVD
CALIMESA CA 92320-0000
(000) 000 - 0000
ACTIVE WORKERS COMP
DIV. OF IND. SAFETY PERMIT:

COMPLETED
DATE 2/25/91

MINIMUM SETBACK DISTANCES *** PER PLOT ***

MECHANICAL EQUIP NOT PERMITTED IN REQUIRED SIDE SETBACKS

NO. STORIES	NO. DWELLING UNITS	NO. BEDROOMS	FLOOR
1			CONCRETE

EXT. WALLS	INT. WALLS	CEILING
METAL	FRAME	

ROOF	HEATING	FIREPLACES	
METAL		METAL	MASRY

WATER	SEWER	MIN DEPTH	S.F./100	SIZE	NEW/REPAIR
PUBLIC		000	000	0000	

COMMENTS
2/21/91 THIS PERMIT REPLACES 2078700005201J01 WHICH HAS EXPIRED, W.N.
2/22/91 ACTIVITY CODE WAS L814, W.N.

AMT WAIVED .00 AMT PAID 409.49
PAYOR NAME: DENYS MERRIMAN PAID 02/21/91
RECEIPT : 40730 EMPL: SUTTLES, B
PAID BY : CHECK NBR : 733

LICENSED CONTRACTORS DECLARATION

I HEREBY AFFIRM THAT I AM LICENSED UNDER THE PROVISIONS OF CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND MY LICENSE IS IN FULL FORCE AND EFFECT.

LICENSE CLASS_____ LICENSE NUMBER_____ CONTRACTOR_____ DATE_____

OWNER-BUILDER DECLARATION

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☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYEES WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED OR OFFERED FOR SALE (SECTION 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTORS LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO DOES SUCH WORK HIMSELF OR HERSELF OR THROUGH HIS OR HER OWN EMPLOYEES, PROVIDED THAT SUCH IMPROVEMENTS ARE NOT INTENDED OR OFFERED FOR SALE; IF, HOWEVER, THE BUILDING OR IMPROVEMENT IS SOLD WITHIN ONE YEAR OF COMPLETION, THE OWNER-BUILDER WILL HAVE THE BURDEN OF PROVING THAT HE OR SHE DID NOT BUILD OR IMPROVE FOR THE PURPOSE OF SALE).

☐ I, AS OWNER OF THE PROPERTY, AM EXCLUSIVELY CONTRACTING WITH LICENSED CONTRACTORS TO CONSTRUCT THE PROJECT (SEC. 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTORS LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO CONTRACTS FOR SUCH PROJECTS WITH A CONTRACTOR(S) LICENSED PURSUANT TO THE CONTRACTORS LICENSE LAW).

☐ I AM EXEMPT UNDER SEC. _____ B. AND P. C. FOR THIS REASON _____

OWNER_____ DATE_____

WORKERS' COMPENSATION DECLARATION

I HEREBY AFFIRM THAT I HAVE A CERTIFICATE OF CONSENT TO SELF-INSURE OR A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE OR A CERTIFIED COPY THEREOF (SEC. 3800, LAB.C.).

POLICY NO._____ COMPANY_____

☐ CERTIFIED COPY IS HEREBY FURNISHED

☐ CERTIFIED COPY IS FILED WITH THE COUNTY BUILDING INSPECTION DEPARTMENT

APPLICANT_____ DATE_____

ADDITIONAL REVISION_____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE (THIS SECTION NEED NOT BE COMPLETED IF THE PERMIT IS FOR ONE HUNDRED DOLLARS [$100] OR LESS).

I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKERS' COMPENSATION LAWS OF CALIFORNIA.

APPLICANT_____ DATE_____

NOTICE TO APPLICANT: IF, AFTER MAKING THIS CERTIFICATE OF EXEMPTION, YOU SHOULD BECOME SUBJECT TO THE WORKERS' COMPENSATION PROVISIONS OF THE LABOR CODE, YOU MUST FORTHWITH COMPLY WITH SUCH PROVISIONS OR THIS PERMIT SHALL BE DEEMED REVOKED.

CONSTRUCTION LENDING AGENCY

I HEREBY AFFIRM THAT THERE IS A CONSTRUCTION LENDING AGENCY FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED (SEC. 3097, CIV. C.).

LENDER'S NAME_____ LENDER'S ADDRESS_____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

THE CALIFORNIA HEALTH AND SAFETY CODE REQUIRES A DIVISION OF INDUSTRIAL SAFETY PERMIT AS A PREREQUISITE TO PERMIT ISSUANCE UNLESS THE APPLICANT SIGNS ONE OF THE CERTIFICATES BELOW.

☐ I CERTIFY THAT NO EXCAVATION 5 FEET OR MORE FEET IN DEPTH, INTO WHICH A PERSON IS REQUIRED TO DESCEND, WILL BE MADE IN CONNECTION WITH WORK AUTHORIZED BY THIS PERMIT, AND THAT NO BUILDING, STRUCTURE, SCAFFOLDING, FALSEWORK, OR DEMOLITION OR DISMANTLING THEREOF, WILL BE MORE THAN 36 FEET HIGH.

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DIVISION OF INDUSTRIAL SAFETY PERMIT NUMBER _____

I HAVE READ THE HAZARDOUS MATERIALS QUESTIONNAIRE AND THE WORK APPLIED FOR ON THIS PERMIT ☐ IS ☐ IS NOT SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE HEALTH AND SAFETY CODE AND THE LOCAL AIR QUALITY AGENCY.

I CERTIFY THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE INFORMATION IS CORRECT, I AGREE TO COMPLY WITH ALL CITY AND COUNTY ORDINANCES AND STATE LAWS RELATING TO BUILDING CONSTRUCTION, AND HEREBY AUTHORIZE REPRESENTATIVES OF THIS COUNTY TO ENTER UPON THE ABOVE-MENTIONED PROPERTY FOR INSPECTION PURPOSES.

SIGNATURE OF APPLICANT OR AGENT _____ DATE _____

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207 SAN BERNARDINO COUNTY-EPWA/LAND MANAGEMENT DEPT
OFFICE OF BUILDING AND SAFETY P E R M I T APPLICATION
THIS IS NOT A PERMIT UNTIL ISSUED

PARCEL NUMBER 0264-431-13-0000

TRACT	BLK	LOT	SEC	TWN	RNG	PRCL MAP	PRCL
	000	000	SE25	01N	05W	0	0

SUBDIVISION NAME | SUBDIVISION PARCEL NO

APPLICANT NAME, MAILING ADDRESS, AND PHONE NUMBER
MERRIMAN'S INC (DENYS MERRIMAN)
546
CALIMESA CA 92320-0000
(714) 795 - 2403

OWNER NAME, MAILING ADDRESS, AND PHONE NUMBER
CALMAT
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
(714) 875 - 1150

JOB SITE ADDRESS
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
CROSS STREET SYCAMORE AVENUE
INSPECTN ACCESS

CONTRACTOR NAME, ADDRESS LICENSE NUMBER
MERRIMAN'S INCORPORATE CONT000292346
987 CALIMESA BLVD
CALIMESA CA 92320-0000
(000) 000 - 0000
ACTIVE WORKERS COMP
DIV. OF IND. SAFETY PERMIT:

MINIMUM SETBACK DISTANCES *** PER PLOT ***

MECHANICAL EQUIP NOT PERMITTED IN REQUIRED SIDE SETBACKS

NO. STORIES	NO. DWELLING UNITS	NO. BEDROOMS	FLOOR
1			CONCRETE

EXT. WALLS	INT. WALLS	CEILING
METAL	FRAME	

ROOF	HEATING	FIREPLACES	
METAL		METAL	MASRY

WATER	SEWER	MIN DEPTH	S.F./100	SIZE	NEW/REPAIR
PUBLIC		000	000	0000	

COMMENTS
2/21/91 THIS PERMIT REPLACES 2078700005201J01 WHICH HAS EXPIRED, W.N.

PERMIT NBR 207 87 00005 201J 02 | STATUS: ACTIV

APPL DATE 02/21/91 | ISSUE DATE 02/21/91 | PG 1 OF 1

PROPOSED USE: COMMERCIAL STORAGE BLDG
CURRENT USE: OFFICE AND WORK SHOP

ACTIVITY : L814 L041

COMMUNITY PLAN	ZONE/LAND USE DISTRICT	GENERAL PLAN
	RC/IL2/FR2/GH	

LOT DIMENSION IRREGULAR | CONST TYPE IIN
#BLDGS ON LOT 2 | GROUP

#PLANS RECD 0 LAND USE PLOT 0 | INDEX NBR 205-64
STD PLAN/ICBO | FHA

TYPE	SQ. FT.	FACTOR/P.S.F.	ADJSTED AREA/VALUATN
01	960	48.50	46560.00

CALC. VALU 46,560.00 | ADJUSTED AREA 960

ITEM CNT	DESCRIPTION	DETAIL	TOTALS
	VALUATION BASED FEE		805.00
	RENEWAL HALF FEE		-402.50
	SMIP SURCHARGE		6.99
	TOTAL AMOUNT		409.49

AMT WAIVED .00 AMT PAID 409.49
PAYOR NAME: DENYS MERRIMAN PAID 02/21/91
RECEIPT : 40730 EMPL: SUTTLES, B
PAID BY : CHECK NBR : 733

LICENSED CONTRACTORS DECLARATION

I HEREBY AFFIRM THAT I AM LICENSED UNDER THE PROVISIONS OF CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE, AND MY LICENSE IS IN FULL FORCE AND EFFECT.

LICENSE CLASS B LICENSE NUMBER 292346 CONTRACTOR MCKAMMAN'S INC DATE 2-21-91

OWNER-BUILDER DECLARATION

I HEREBY AFFIRM THAT I AM EXEMPT FROM THE CONTRACTORS LICENSE LAW FOR THE FOLLOWING REASON (SECTION 7031.5, BUSINESS AND PROFESSIONS CODE: ANY CITY OR COUNTY WHICH REQUIRES A PERMIT TO CONSTRUCT, ALTER, IMPROVE, DEMOLISH OR REPAIR ANY STRUCTURE, PRIOR TO ITS ISSUANCE, ALSO REQUIRES THE APPLICANT FOR SUCH PERMIT TO FILE A SIGNED STATEMENT THAT HE OR SHE IS LICENSED PURSUANT TO THE PROVISIONS OF THE CONTRACTORS LICENSE LAW [CHAPTER 9 (COMMENCING WITH SECTION 7000) OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE] OR THAT HE OR SHE IS EXEMPT THEREFROM AND THE BASIS FOR THE ALLEGED EXEMPTION. ANY VIOLATION OF SECTION 7031.5 BY ANY APPLICANT FOR A PERMIT SUBJECTS THE APPLICANT TO A CIVIL PENALTY OF NOT MORE THAN FIVE HUNDRED DOLLARS [$500].):

☐ I, AS OWNER OF THE PROPERTY, OR MY EMPLOYEES WITH WAGES AS THEIR SOLE COMPENSATION, WILL DO THE WORK, AND THE STRUCTURE IS NOT INTENDED OR OFFERED FOR SALE (SECTION 7044, BUSINESS AND PROFESSIONS CODE: THE CONTRACTORS LICENSE LAW DOES NOT APPLY TO AN OWNER OF PROPERTY WHO BUILDS OR IMPROVES THEREON, AND WHO DOES SUCH WORK HIMSELF OR HERSELF OR THROUGH HIS OR HER OWN EMPLOYEES, PROVIDED THAT SUCH IMPROVEMENTS ARE NOT INTENDED OR OFFERED FOR SALE; IF, HOWEVER, THE BUILDING OR IMPROVEMENT IS SOLD WITHIN ONE YEAR OF COMPLETION, THE OWNER-BUILDER WILL HAVE THE BURDEN OF PROVING THAT HE OR SHE DID NOT BUILD OR IMPROVE FOR THE PURPOSE OF SALE).

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☐ I AM EXEMPT UNDER SEC. _____ B. AND P. C. FOR THIS REASON _____

OWNER _____ DATE _____

WORKERS' COMPENSATION DECLARATION

I HEREBY AFFIRM THAT I HAVE A CERTIFICATE OF CONSENT TO SELF-INSURE OR A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE OR A CERTIFIED COPY THEREOF (SEC. 3800, LAB.C.).

POLICY NO. _____ COMPANY _____

☐ CERTIFIED COPY IS HEREBY FURNISHED

☒ CERTIFIED COPY IS FILED WITH THE COUNTY BUILDING INSPECTION DEPARTMENT

APPLICANT [signature] DATE 2-21-91

ADDITIONAL REVISION _____

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE (THIS SECTION NEED NOT BE COMPLETED IF THE PERMIT IS FOR ONE HUNDRED DOLLARS [$100] OR LESS).

I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED, I SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKERS' COMPENSATION LAWS OF CALIFORNIA.

APPLICANT _____ DATE _____

NOTICE TO APPLICANT: IF, AFTER MAKING THIS CERTIFICATE OF EXEMPTION, YOU SHOULD BECOME SUBJECT TO THE WORKERS' COMPENSATION PROVISIONS OF THE LABOR CODE, YOU MUST FORTHWITH COMPLY WITH SUCH PROVISIONS OR THIS PERMIT SHALL BE DEEMED REVOKED.

CONSTRUCTION LENDING AGENCY

I HEREBY AFFIRM THAT THERE IS A CONSTRUCTION LENDING AGENCY FOR THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED (SEC. 3097, CIV. C.).

LENDER'S NAME _____ LENDER'S ADDRESS _____

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION

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SIGNATURE OF APPLICANT OR AGENT [signature] DATE 2-21-91

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Owner Name CALMAT Permit Number 20787000052012102

INSPECTION RECORD

	DATE	INSPECTOR		DATE	INSPECTOR
Setback			Rough Plumbing		
Temporary Power			Shower Pan Test		
Foundation Reinforcing Steel			Stucco Mesh or Exterior Siding		
Excavation and Forms			Insulation		
F.H.A. Foundation Req.			Sewer		
Slab Grade			Interceptor		
Ground Plumbing			Septic Tank		
Underslab Ducts			Leach Line or Seep Pit		
Underslab Conduit			Water Service		
Fireplace Foundation			Lath or Drywall Nailing		
Joists and Girders			Gas Line Air Test		
Electrical Ground			Final Energy		
Mid-Height Bond Beam			Final Plumbing		
8-Foot Bond Beam			Final Heating/A.C.		
Final Bond Beam			Final Construction		
Fireplace Bond Beam			Final On Site Improvements		
Roof Sheathing			Final Off Site Improvements		
Framing and Ventilation			Final Dedication		
Roof Covering			Final Zoning		
Rough Heating			Final Electrical		
Electrical Service and Ground			Final Gas		
Rough Electrical			Developer Fees Paid		
WC (Y/N) _____		Ind Saf (Y/N) _____	Certificate of Occupancy		

SEPTIC TANK _____ GALS.

SEEP. PIT _____ X _____

LEACH LINE _____ WIDE _____

X _____ LONG X _____ DEPTH OF ROCK _____

N.

W. E.

S.

Inspector's Signature and Initials _____

Mussey

207-05 5

207 SAN BERNARDINO COUNTY-EPWA/LAND MANAGEMENT DEPT
OFFICE OF BUILDING AND SAFETY P E R M I T APPLICATION
THIS IS NOT A PERMIT UNTIL ISSUED

PERMIT NBR 207 87 00005 201J 01 | PAGE 1 OF 1

APPL DATE 09/17/87 | ISSUE DATE 09/21/87

PARCEL NUMBER 0264431130000

PROPOSED USE: COMMERCIAL STORAGE BLDG
CURRENT USE: OFFICE AND WORK SHOP

TRACT	BLK	LOT	SEC	TWN	RNG	PRCL MAP	PRCL
	000	000	SE25	01N	05W	0	0

COMMUNITY PLAN	ZONE/LAND USE DISTRICT	GENERAL PLAN
	M2-T(46)	RCN

SUBDIVISION NAME	SUBDIVISION PARCEL NO

LOT DIMENSION IRREGULAR
#BLDGS ON LOT 2

CONST TYPE IIN
GROUP

APPLICANT NAME, MAILING ADDRESS, AND PHONE NUMBER
MERRIMAN'S INC
546
CALIMESA CA 92320-0000
(714) 795 - 2403

#PLANS RECD 0 LAND USE PLOT 0
STD PLAN/ICBO

INDEX NBR 205-64
FHA

GRADING	INITIAL	ACTUAL
CU.YDS. EXC.		
CU.YDS. FILL		

OWNER NAME, MAILING ADDRESS, AND PHONE NUMBER
CALMAT
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
(714) 875 - 1150

TYPE	SQ. FT.	FACTOR/P.S.F.	ADJSTED AREA/VALUATN
01	960	45.00	43200.00

CALC. VALU 43,200.00 | ADJUSTED AREA 960

JOB SITE ADDRESS
2400 W HIGHLAND AVE
SAN BERNARDINO CA 92405-0000
CROSS STREET SYCAMORE AVENUE
INSPECTN ACCESS

ITEM CNT	DESCRIPTION	DETAIL	TOTALS
	COMMER/INDUST CONST		449.90
	SMIP SURCHARGE		3.03
	TOTAL AMOUNT		452.93

CONTRACTOR NAME | LICENSE NUMBER
MERRIMAN'S INCORPORATED | CONT000292346

MAILING ADDRESS, PHONE NUMBER
987 CALIMESA BLVD
CALIMESA CA 92320-0000
(000) 000 - 0000

MINIMUM SETBACK DISTANCES *** PER PLOT ***

MECHANICAL EQUIP NOT PERMITTED IN REQUIRED SIDE SETBACKS

NO. STORIES	NO. DWELLING UNITS	NO. BEDROOMS	FLOOR
1			CO

EXT. WALLS	INT. WALLS	CEILING
ME	FR	

ROOF	HEATING	FIREPLACES	
ME		METAL	MASRY

WATER	SEWER	MIN DEPTH	S.F./100	SIZE	NEW/REPAIR
PUBLIC		000	000	0000	

COMMENTS

AMT WAIVED .00 AMT PAID 452.93
PAYOR NAME: MERRIMANS INCORPORATED PAID 09/21/87
RECEIPT : 047130 EMPL: GRAY, S

LICENSED CONTRACTORS DECLARATION

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LICENSE CLASS_____ LICENSE NUMBER_____ CONTRACTOR_____ DATE_____

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OWNER_____ DATE_____

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POLICY NO._____ COMPANY_____

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APPLICANT_____ DATE_____

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LENDER'S NAME_____ LENDER'S ADDRESS_____

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INSPECTION RECORD

Permit Number 207 87 0005 20101

	DATE	INSPECTOR		DATE	INSPECTOR
Setback	9/24/87	FKC	Rough Plumbing		
Temporary Power			Shower Pan Test		
Foundation Reinforcing Steel			Stucco Mesh or Exterior Siding		
Excavation and Forms	9/24/87	FKC	Insulation		
F.H.A. Foundation Req.			Sewer		
Slab Grade			Interceptor		
Ground Plumbing			Septic Tank		
Underslap Ducts			Leach Line or Seep Pit		
Underslab Conduit			Water Service		
Fireplace Foundation			Lath or Drywall Nailing		
Joists and Girders			Gas Line Air Test		
Electrical Ground			Final Energy		
Mid-Height Bond Beam			Final Plumbing		
8-Foot Bond Beam			Final Heating/A.C.		
Final Bond Beam			Final Construction	2/25/91	
Fireplace Bond Beam			Final On Site Improvements	2/25/91	
Roof Sheathing	2/25/91		Final Off Site Improvements		
Framing and Ventilation			Final Dedication		
Roof Covering			Final Zoning	2/25/91	
Rough Heating			Final Electrical	2/25/91	
Electrical Service and Ground	existing		Final Gas		
Rough Electrical	2/25/91		Developer Fees Paid		
			Certificate of Occupancy	2/25/91	

9/22/87 Y.T. # 6 - we approved plans on site. - FKC

WORKERS' COMPENSATION INSURANCE (Y/N) _____

DIVISION OF INDUSTRIAL SAFETY PERMIT (Y/N) _____

5-24-88 Y.T. no plans or job card. RLD

COMPLETED
DATE 2/25/91

SEPTIC TANK _____ GALS. _____

SEEP. PIT _____ X _____

LEACH LINE _____ WIDE _____

X _____ LONG X _____ DEPTH OF ROCK _____

N.

W. E.

S.

Inspector's Signature and Initials DeGarid FKC - Keith Chambers

12-17589-469

Water Boards Storm Water Multiple Application & Report Tracking System

Notice Of Intents Search Results

Following are the results that matched with your search criteria. To refine or start a new search, click Back button on the browser.

Export to Excel

(1 of 1) Display 20 per page

App ID	WDID	Application Type	Status	Status Date	Owner/Oper Name & Address	Site/Facility Name & Address	NOI Form	Attachment	Receipt Letter
490953	8 36I027474	Industrial	Active	11/14/2017	Holliday Rock Co Inc 1401 N Benson Ave Upland California 91786	Holliday Rock San Bernardino 29 2400 West Highland Avenue San Bernardino California 92407	NOI Form	View Attachments	Receipt Letter
452228	8 36C37196	Construction	Active	01/22/2015	Hoiston Intl Enterprises Inc 8047 Redwood Avenue Fontana California 92336	Hoiston Intl Enterprises Inc 2192 West Highland Avenue San Bernardino California 92407	NOI Form	View Attachments	Receipt Letter
213770	8 36I018946	Industrial	Terminated	04/05/2017	CalPortland Company 2025 E Financial Way Glendora California 91741	CalPortland San Bernardino Plant 2400 W Highland Ave San Bernardino California 92407	NOI Form	View Attachments	Receipt Letter
213120	8 36I001928	Industrial	Active	03/31/1992	CalMat Co dba Vulcan Materials Co 500 N Brand Blvd Glendale California 91203	San Bernardino 2400 W Highland Ave San Bernardino California 92407	NOI Form	View Attachments	Receipt Letter

(1 of 1) Display 20 per page

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CALIFORNIA Water Boards

State Water Resources Control Board

NOTICE OF INTENT

GENERAL PERMIT TO DISCHARGE STORM WATER
ASSOCIATED WITH INDUSTRIAL ACTIVITY (WQ ORDER No. 2014-0057-DWQ)
(Excluding Construction Activities)

GAVIN NEWSOM
GOVERNOR

JARED BLUMENFELD
SECRETARY FOR
ENVIRONMENTAL PROTECTION

WDID: 8 36I001928 Status: Active

Operator Information

Type: Private Business

Name: CalMat Co dba Vulcan Materials Co
Address: 500 N Brand Blvd
Address 2: Suite 500
City/State/Zip: Glendale CA 91203
Federal Tax ID:

Contact Name: Cesar Aranda
Title: Water Resources Manager
Phone Number: 559-434-1202
Email Address: arandac@vmcmail.com

Facility Information

Level:

Contact Name: Floyd Sibole
Site Name: San Bernardino
Address: 2400 W Highland Ave
City/State/Zip: San Bernardino CA 92407
County: San Bernardino
Latitude: 34.13607 Longitude: -117.34451

Title: Plant Manager
Site Phone #: 909-875-1150
Email Address: sibolef@vmcmail.com
Site Size: 1010 Acres
Industrial Area Exposed to Storm Water: 1010 Acres
Percent of Site Impervious (Including Rooftops): 3 %

SIC Code Information

1. 1442 Construction Sand and Gravel
2. 2951 Asphalt Paving Mixtures and Blocks
3.

Additional Information

Receiving Water: Lytle Creek Wash
Flow: Directly
Storm Drain System:
Compliance Group:

RWQCB Jurisdiction: Region 8 - Santa Ana
Phone: 951-782-4130
Email: r8_stormwater@waterboards.ca.gov

Certification

Name: Cesar Aranda
Date: June 02, 2015
Title: Water Resources Manager

February 28, 2020

Cesar Aranda
CalMat Co dba Vulcan Materials Co
500 N Brand Blvd Suite 500
Glendale, CA 91203

Facility Info: San Bernardino
2400 W Highland Ave
San Bernardino, CA 92407
SIC Code(s): 1442 2951

Waste Discharge Identification Number: 8 36I001928

Date Processed: March 31, 1992

RECEIPT OF YOUR NOTICE OF INTENT (NOI)

The State Water Resources Control Board (State Water Board) received and processed the NOI to comply with the terms of the General Permit for Storm Water Discharges Associated with Industrial Activity Order 2014-0057-DWQ.

Waste Discharger Identification (WDID) number 8 36I001928 is assigned to the facility referenced above.

Accordingly, you are required to comply with all applicable permit requirements.

Notice of Termination (NOT) is required to be submitted to the State Water Board should the owner or operator of the facility change or upon closure of the facility. Until an NOT is submitted you will continue and are responsible to pay the annual fee invoiced each April.

If you have any further questions, please contact your local Regional Water Board at 951-782-4130.

Please visit the storm water web page at www.waterboards.ca.gov/water_issues/programs/stormwater/industrial.shtml for storm water related information.

Sincerely,
Storm Water Program
Division of Water Quality

San Bernardino, San Bernardino, California

Industrial Activities Stormwater Pollution Prevention Plan

June 2015 (Updated May 15, 2017)



Vulcan Materials Company

Industrial Activities Stormwater Pollution Prevention Plan

San Bernardino

2400 West Highland Avenue
San Bernardino, California 92407

Prepared for
Cesar Aranda
Vulcan Materials Company
11599 Old Friant Road
Fresno, California 93730

June 2015 (Updated May 15, 2017)

Waste Discharge Identification (WDID):	8 36I001928
Exceedance Response Action (ERA) Status:	Baseline
Legally Responsible Person (LRP):	Vulcan Materials Company 500 North Brand Boulevard, #500 Glendale, CA 91203 Cesar Aranda (559) 434-1202
Duly Authorized Representative:	John Janke (323) 312-9960

Prepared by:
Brown and Caldwell
9665 Chesapeake Drive
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Legally Responsible Person (Section II.A)

Approval and Certification of the Stormwater Pollution Prevention Plan

Facility Name: San Bernardino

Waste Discharge Identification (WDID): 8 36I001928

"I certify under penalty of law that this document and all Attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Cesar Aranda

Legally Responsible Person



Signature of Legally Responsible Person

May 15, 2017

Date

Duly Authorized Representative (DAR) and Site Manager

Approval of the Stormwater Pollution Prevention Plan

Facility Name: San Bernardino

Waste Discharge Identification (WDID): 8 36I001928

John Janke	(323) 312-9960
Duly Authorized Representative	Phone Number
Signature of Duly Authorized Representative	Date
Floyd Sibole	(909) 875-1150
Name of Site Manager	Phone Number
Signature of the Site Manager	Date

Amendment Log (Section X.A.10)

Facility Name: San Bernardino

Waste Discharge Identification (WDID): 8 36I001928

Amendment No.	Date	Page and Section No.	Requested By	Brief Description of Amendment (include reason for change, site location, and BMP modifications)	Prepared and Approved By
1	12/15/16	Section 2.3	Cesar Aranda	Added HUC-10 parameters to Section 2.3	Sean Porter Cesar Aranda

Temporary Suspension of Industrial Activities (TSIA)

Date Facility is Stabilized	Date TSIA uploaded to SMARTS	Additional facility stabilization BMPs.	Requested By	Justification of monitoring infeasibility during TSIA	Date Facility activity expected to Resume
NA	NA	NA	NA	NA	NA

ERA Status per Monitoring Year

Facility Name: San Bernardino

Waste Discharge Identification (WDID): 8 36I001928

Constituent	Annual NAL	Instantaneous NAL	2015-16 Monitoring Year	2016-17 Monitoring Year	2017-18 Monitoring Year	2018-19 Monitoring Year
Total Suspended Solids (TSS)	100 mg/L	400 mg/L	Baseline	Baseline		
pH	N/A	Less than 6.0 pH Greater than 9.0 pH	Baseline	Baseline		
Oil and Grease (O&G)	15 mg/L	25 mg/L	Baseline	Baseline		
Nitrate + Nitrite	0.68 mg/L	N/A	Baseline	Baseline		

Historical ERA Level II Status

Facility Name: San Bernardino

Waste Discharge Identification (WDID): 8 36I001928

Has the following Constituent	Ever reached an ERA Level II Status?	If YES, during which Monitoring Year?
Total Suspended Solids (TSS)	YES ☐ QISP:	
pH	YES ☐ QISP:	
Oil and Grease (O&G)	YES ☐ QISP:	
Nitrate + Nitrite	YES ☐ QISP:	

Section 1:
SWPPP Requirements (Section X.A)



1.1 Introduction

The San Bernardino site (site and/or facility) comprises approximately 1,010 acres and is located at 2400 West Highland Avenue, San Bernardino, California 92407. The property is owned by Vulcan Materials Company and is being operated by Vulcan. The facility location is shown on the Site Map(s) in Appendix A.

This Stormwater Pollution Prevention Plan (SWPPP) is designed to comply with California's General Permit for Stormwater Discharges Associated with Industrial Activities (General Permit) Order No. 2014-0057-DWQ (NPDES No. CAS000001) issued by the State Water Resources Control Board (State Water Board). This SWPPP has been prepared by following the SWPPP Template provided on the California Stormwater Quality Association Stormwater *Best Management Practice Handbook Portal: Industrial and Commercial* (CASQA 2014). In accordance with the General Permit, Section X.A, this SWPPP contains the following required elements:

- Facility Name and Contact Information;
- Site Map;
- List of Significant Industrial Materials;
- Description of Potential Pollution Sources;
- Assessment of Potential Pollutant Sources;
- Minimum best management practices (BMPs);
- Advanced BMPs, if applicable;
- Monitoring Implementation Plan;
- Annual Comprehensive Facility Compliance Evaluation (Annual Evaluation); and,
- Date that SWPPP was Initially Prepared and the Date of Each SWPPP Amendment, if Applicable.

1.2 Permit Registration Documents

Required Permit Registration Documents (PRDs) were submitted to the State Water Board via the Stormwater Multi Application and Report Tracking System (SMARTS) by the Legally Responsible Person (LRP), or authorized personnel (i.e., Approved Signatory) under the direction of the LRP. The project-specific PRDs include:

1. Notice of Intent (NOI);
2. Signed Certification Statement (LRP Certification is provided electronically with SMARTS PRD submittal);
3. Site Map(s);

4. SWPPP; and
5. Annual Fee.

The Site Map(s) can be found in Appendix A. A copy of the submitted PRDs are also kept in Appendix B of the SWPPP along with the Waste Discharge Identification (WDID) confirmation.

The SWPPP uploaded into SMARTS should not include a copy of the General Permit.

In the event of future significant changes to the facility layout, the Discharger will certify and submit new PRDs via SMARTS.

1.3 SWPPP Availability and Implementation

The SWPPP is available on-site to all employees during all hours of operation (see Section 2.5 for the Operations Schedule), and will be made available upon request by a State or Municipal inspector. The SWPPP will be implemented by July 1, 2015.

1.4 Pollution Prevention Team (Section X.D.2)

Facility staff that have been designated as Pollution Prevention Team members are listed below in Table 1.1, along with their responsibilities and duties. A list of alternate team members is also provided, and these personnel will perform SWPPP activities when regular members of the Pollution Prevention Team are absent or unavailable. This table will be updated as needed when there are changes to staff and staff responsibilities. All team members will be trained to perform the duties assigned to them. Employee training logs are provided in Appendix C.

A QISP is required when the Facility enters Level 1 Status. The QISP(s) identified for the project are identified in Appendix D. The QISP will have primary responsibility for providing training to the appropriate team members assigned to perform the activities required in this SWPPP.

Table 1.1: Pollution Prevention Team

Name	Title	Phone Number	Responsibilities and Duties
Floyd Sibole	Plant Manager	(909) 875-1150	SWPPP implementation and revisions, employee training, record keeping
Jason Solis	Plant Foreman	(661) 533-2127	SWPPP revisions, BMP implementation, BMP effectiveness evaluation, monitoring/visual observations, sampling, record keeping

1.5 Duly Authorized Representatives

The DAR responsible for SWPPP implementation and authority to sign PRDs is listed below in Table 1.2. Written authorizations from the LRP for these individuals are provided in Appendix D.

Table 1.2: Duly Authorized Representatives

Name	Title	Phone Number
John Janke	Environmental Manager	(323) 312-9960

1.6 Permits and Governing Documents

In addition to the General Permit, the following documents have been taken into account while preparing this SWPPP:

- Regional Water Board requirements;
- Basin Plan requirements; and
- TMDL Requirements.

1.7 SWPPP Amendments

This SWPPP will be amended or revised as needed. A list of amendments (Amendment Log) is included in the front of this SWPPP (page 7), and amendment certifications are included in Appendix E. The Amendment Log will include the date of initial preparation and the date of each amendment. The SWPPP should be revised when:

- There is a General Permit violation;
- There is a reduction or increase in the total industrial area exposed to stormwater;
- BMPs do not meet the objectives of reducing or eliminating pollutants in stormwater discharges;
- There is a change in industrial operations which may affect the discharge of pollutants to surface waters, groundwater(s), or a municipal separate storm sewer system (MS4);
- There is a change to the parties responsible for implementing the SWPPP; or
- Otherwise deemed necessary by the QISP.

The following items will be included in each amendment:

- Who requested the amendment;
- The location of proposed change;
- The reason for change;
- The original BMP(s) proposed, if any; and
- The new BMP(s) proposed.

Amendments will be logged at the front of the SWPPP and certification kept in Appendix E. The SWPPP text will be revised replaced, and/or hand annotated as necessary to properly convey the amendment. SWPPP amendments must be certified and submitted by the LRP or their designated Duly Authorized Representative via SMARTS within 30 days whenever the SWPPP contains significant revisions. With the exception of significant revisions, SWPPP changes will be certified and uploaded to SMARTS once every three (3) months in the reporting year.

1.8 Retention of Records

Paper or electronic records of documents required by this SWPPP will be retained for a minimum of five (5) years from the date generated or date submitted, whichever is later, for the following items:

- Employee Training Records;
- BMP Implementation Records;
- Spill and Clean-up Related Records;
- Records of Sampling and Analysis Information:
  - The date, exact location, and time of sampling or measurement;
  - The date(s) analyses were performed;
  - The individual(s) that performed the analyses;
  - The analytical techniques or methods used; and
  - The results of such analyses;
- Records of Visual Observations:
  - The date
  - The industrial areas/drainage areas of the facility observed during the inspection (Location);
  - The approximate time of the observation;
  - Presence and probable source of observed pollutants; and
  - Name of the individual(s) that conducted the observations;
- Response to the observations including identification of SWPPP revisions, if needed;
- Level 1 ERA Reports;
- Level 2 ERA Action Plan;
- Level 2 ERA Technical Report; and
- Annual Reports from SMARTS (checklist and any explanations).

Copies of these records will be available for review by the Water Board's staff at the facility during scheduled facility operating hours. Upon written request by U.S. EPA or the local MS4, Dischargers will provide paper or electronic copies of requested records to the Water Boards, U.S. EPA, or local MS4 within ten (10) working days from receipt of the request.

1.9 Exceedance Response Actions (ERAs)

If a General Permit NAL exceedance occurs in a given reporting year, a Level 1 ERA Evaluation and a Level 1 ERA Report will be required in the following year, or, if in a subsequent year, a Level 2 ERA Action Plan and a Level 2 ERA Report will be required in accordance with the General Permit. The results of either of the ERA reports may require that the SWPPP be amended.

1.10 Annual Comprehensive Facility Compliance Evaluation (Section XV.A-G)

The General Permit (Section XV) requires the Discharger to conduct one Annual Comprehensive Facility Compliance Evaluation (Annual Evaluation) for each reporting year (July 1 to June 30). Annual Evaluations will be conducted at least eight (8) months and not more than sixteen (16) months after the previous Annual Evaluation. The planned window for conducting the Annual Evaluation is between April and June of each year. The SWPPP will be revised, as appropriate based on the results of the Annual Evaluation, and the revisions will be implemented within 90 days of the Annual Evaluation.

At a minimum, Annual Evaluations will consist of:

- A review of all sampling, visual observation, and inspection and monitoring records and sampling and analysis results conducted during the previous reporting year;
- A visual inspection of all areas of industrial activity and associated potential pollutant sources for evidence of, or the potential for, pollutants entering the stormwater conveyance system;
- A visual inspection of all drainage areas previously identified as having no exposure to industrial activities and materials in accordance with the definitions in Section XVII;
- A visual inspection of equipment needed to implement the BMPs;
- A visual inspection of any BMPs;
- A review and effectiveness assessment of all BMPs for each area of industrial activity and associated potential pollutant sources to determine if the BMPs are properly designed, implemented, and are effective in reducing and preventing pollutants in industrial stormwater discharges and authorized NSWDs; and
- An assessment of any other factors needed to comply with the Annual Reporting requirements in General Permit Section XVI.B.

1.11 Annual Report

The Annual Report will be prepared, certified, and electronically submitted no later than July 15 following each reporting year using the standardized format and checklists in SMARTS based on the reporting requirements identified in Section XVI of the General Permit. Annual reports will be submitted in SMARTS and in accordance with information required by the on-line forms.

1.12 Termination and Changes to General Permit Coverage

When any of the following conditions occur, termination of coverage under the General Permit will be requested by certifying and submitting a Notice of Termination (NOT) via SMARTS:

- Operation of the facility has been transferred to another entity;
- The facility has ceased operations, completed closure activities, and removed all industrial related pollutant generating sources;
- The facility's operations have changed and are no longer subject to the General Permit.

The SWPPP and all of the provisions of the General Permit will be complied with until a valid NOT is received and accepted by the Board.

If ownership changes, the new owner of the facility will be notified of the General Permit and regulatory requirements for permit coverage.

Section 2:
Facility Information



2.1 Facility Description

2.1.1 Facility Location

The San Bernardino site comprises approximately 1,010 acres and is located at 2400 West Highland Avenue, San Bernardino, California 92407. The facility is located approximately 1/8 mile north of Highway 210 and approximately 4 miles west of Interstate 215. Lytle Creek Wash flows though the facility. Cajon Wash flows into Lytle Creek Wash, which discharges into Warm Creek, a tributary of the Santa Ana River. The facility is located at 34º08'10.9"N and 117º21'23.4"W is identified on the Site Map(s) in Appendix A.

The project discharges to Lytle Creek Wash. Lytle Creek Wash flows through the Site and converges with Warm Creek prior to entering the Santa Ana River approximately 5.2 miles downstream. Lytle Creek is listed for water quality impairment on the Clean Water Act's (CWA's) Section most recent 303(d) list due to pathogens the originate from an unknown nonpoint source. The Santa Ana River (Reach 4) is listed as impaired on the 303(d)-list due to pathogens that originate from an unknown nonpoint source.

2.1.2 Facility Operations (Section X.F)

Operations at the San Bernardino facility consist of the production, storage and distribution of hot-mix asphalt, asphalt coatings, construction aggregate, manufactured sand, natural sand, and the storage of aggregate products, and materials used in the production of asphalt and concrete. A list of specific industrial activities is provided below:

- Production of hot-mix asphalt
- Storage of asphalt coatings
- Storage of processing of construction aggregate
- Storage and processing of natural sand and materials used in the production of asphalt and concrete
- General equipment and vehicle maintenance

Standard Industrial Classification Code (SIC) for the San Bernardino Facility are:

1442 – Construction Sand & Gravel

2951 – Asphalt Paving Mixtures & Blocks

2.1.3 Existing Conditions

The facility site consists of undeveloped open space used to mine, process, and store natural aggregate material to produce asphalt and ready mix concrete. The total area of the facility encompasses approximately 1,010 acres. Approximately less than 1 percent of the facility

consists of impervious surface area. The entire Site is exposed to rainfall. Existing BMPs at this facility are described in Section 3.

There are no known historic sources of contamination at the site.

2.1.4 Description of Drainage Areas and Existing Drainage (Section X.E.3.a)

The facility is divided into five drainage areas as shown on the Site Maps in Appendix A, Figure 1. The Site Map shows the area layout, including the general site topography, storm drainage system, drainage inlets, its respective drainage areas, and discharge locations.

The topography of the facility is graded to store surface drainage waters on-site. The mining pit (Area L) is located approximately 3 miles north of the Site. The mining site is graded to completely contain all stormwater and is covered under a NOT and is not represented on the Site Map. The haul road between the quarry and the process facility runs through the Lytle Creek Wash. The haul road is bermed, and stormwater infiltrates to ground along it. In the event of a severe storm, the haul road can be washed out.

Surface drainage at the site currently flows to Lytle Creek Wash, ultimately discharging to the Santa Ana River. The stormwater collection system is comprised of a network of 3 process water basins (Basin Network 1), a single sedimentation basin (Basin 2) located in the central portion of the site near the aggregate plant office, a single sedimentation basin (Basin 3) located on the eastern portion of the Site. Stormwater is conveyed through underground piping to the Process Water Storage Basins. Basin Network 1 is designed to capture stormwater to be used as process water for the aggregate processing operation. Basins 2 and 3 are designed to convey water to infiltration and evaporation.

Detailed descriptions of all drainage areas are provided below and presented on the Site Maps in Appendix A.

Drainage Area 1

This area includes the western portion of the site. This area contains some stockpiled materials including aggregate and recycled asphalt, and is used for vehicles movement around the west side of the Site. Due to the graded topography, all stormwater is retained within this area. In the event of a severe storm event, stormwater may discharge into Drainage Area 2.

Drainage Area 2

This area contains stockpiled materials including aggregate and sand. Due to graded topography, all stormwater is retained on site. This area may receive drainage from Drainage Area 3 in larger storm events.

Drainage Area 3

This drainage area contains the aggregate plant, vehicle maintenance area, fuel island, a boneyard, and the aggregate plant offices. A portion of this area consists of covered and uncovered impervious surfaces used for equipment and supplies storage. The vehicle maintenance activity is conducted under covered areas. Surface flows are directed via underground piping Basin 2 or to a sump located at aggregate plant and pumped into Basin Network 1. CalPortland, a non-Vulcan tenant, operates a concrete batch plant within this area.

Although the site is a potential source of stormwater run-on, that run-on should not affect discharge from the Site.

Drainage Area 4

This area includes the asphalt batch plant, maintenance shop and batch plant office. This area includes a stockpile of recycled asphalt. The majority of surface flow is directed via grading to Basin 3. Stormwater discharges from this drainage area into Lytle Creek Wash at DP-1. DP-1 will be eliminated through re-grading the runoff to drain to Basin 3, and raising the earthen berm to prevent discharge.

Drainage Area 5

This area contains the haul road that connects to the mining quarry, Area L, approximately 3 miles north of the Site. Area L is graded to retain all stormwater on site and does not discharge. A Notice of Termination with inspection ID S2016319 was issued on 09/05/2012. The haul road is not paved and bermed for the entirety of its length. During significant storm events, the haul road may be washed out by floodwaters and must be regraded/bermed.

2.1.5 Stormwater Run-On from Offsite Areas (Section I.2.f)

There is anticipated offsite run-on to this Site from surrounding areas on the haul road. A storm water offsite inflow point exists at the north area of the processing facility consisting of the two 24" pipes. The pipes are in place to allow inflows from Lytle Creek to the process facility area in the event extreme flooding occurs in Lytle Creek. Run-on flows originate from undeveloped land and are directed to the Process Water Storage Basin.

CalPortland leases a portion of the property to conduct concrete batching operations. Their site is at grade and adjacent to the aggregate plant and has the potential for stormwater run-on.

The General Permit requires that BMPs be implemented to direct offsite and non-industrial run-on away from industrial areas and erodible surfaces. The BMPs have been implemented to meet this requirement. These BMPs are located in Drainage Area 2 and 3 as grading that directs run-on away from the Site industrial activity. The off-site drainage run-on locations and associated stormwater conveyances and BMPs are shown on the Site Map in Appendix A.

2.1.6 Geology and Groundwater

The Site is located at the base of the intersection between the San Gabriel and San Bernardino Mountain Ranges, which in the area of the Site are generally composed of Cretaceous aged granitic rocks and older metasedimentary rocks such as schist and gneiss. Regional tectonics of the San Bernardino Mountain and San Gabriel Mountain Ranges include uplift of the range due to east-west trending thrust faults and strike-slip faulting along the base of the San Bernardino Mountain Range and through the San Gabriel Range from the San Andreas Fault system.

The Site is located on a broad alluvial fan that extends southeast from the base of the San Bernardino Mountains and is underlain by alluvial fan deposits and older wash deposits (Biehler et al. 1988). The Site is also located near the northern extent of the San Jacinto Fault and is approximately five miles southwest of the San Andreas Fault.

The Site is located within the Upper Santa Ana River Hydrologic Area of the Santa Ana Hydrologic Unit. The groundwater within the Bunker Hill Hydrologic Sub-Area is classified by the Santa Ana Regional Water Quality Control Board (RWQCB) as having existing beneficial

uses for agricultural supply, municipal supply, industrial service supply and industrial process supply (RWQCB 2011).

Based on review of open cases in the California State Water Resources Control Board's Geotracker website, the depth to groundwater in the area is generally greater 60-100 feet. It is likely that shallow groundwater (if present) flows to the south-southwest in the general direction of the topography.

2.2 Operations Schedule (Section X.D.2.d)

The San Bernardino facility operates 5 days a week from the hours of 3:00 am to 7:00 pm Monday through Friday. The plants operate from 3:00 am to 11:00 am daily, with maintenance occurring between 10:30 am – 7:00 pm. Industrial activities during this time period consist of the production, storage and distribution of hot-mix asphalt, asphalt coatings, construction aggregate, manufactured sand, natural sand, the storage of aggregate products and materials used in the production of asphalt and concrete, and vehicle/equipment maintenance. Variations in actual operating hours may occur as necessary.

This SWPPP will be implemented, and a copy made available to all facility staff at all times. A copy will be available to regulatory agency personnel upon request.

If industrial activities are temporarily suspended for ten (10) or more consecutive calendar days during a reporting year, BMPs that are necessary to achieve compliance with this General Permit during the temporary suspension of the industrial activity will be identified and incorporated into the SWPPP.

2.3 Pollutant Source Assessment (Section X.F,G)

This section presents a list of all industrial materials and assesses potential pollutant sources at the San Bernardino facility. It identifies specific pollutants associated with these potential pollutant sources and identifies those potential pollutant sources that are most susceptible to stormwater exposure.

As part of the assessment of potential pollutant sources, the Discharger shall indentify "the industrial pollutants related to the receiving waters with 303(d) listed impairments indentified in Appendix 3 or approved TMDLs that may be causing or contributing to an exceedance of a water quality standard in the receiving waters."

Additionally, this section indentifies the HUC 10 parameters and assesses the potential pollutant sources associated with these parameters.

Lastly, a summary of significant spills and leaks that have occurred onsite is also provided.

2.3.1 Description of Potential Pollutant Sources (Section X.G.1,2.a)

The facility produces hot-mix asphalt, processes aggregate and crushed stone products, and recycles asphalt and concrete. Sand, gravel, and crushed stone are excavated and pre-processed at the facility. The manufacture of hot-mix asphalt involves the mixing of sand, aggregate, and petroleum products.

In the event of a storm, the facility may potentially discharge storm water run-off to Lytle Creek.

Based on the assessment of potential pollutant sources and in accordance with Section XI.B.6, samples for the following parameters shall be collected and analyzed:

- ☒ Sediment (including erodible soils and aggregates)
- ☒ Oil and Grease (waste oil and leaks from equipment)
- ☒ pH (industrial activity)
- ☒ Nitrate Nitrite (sand and gravel)

Table 2.1.a below presents the HUC 10 parameters as identified in SMARTS for the facility.

Table 2.1.a: Industrial Pollutants Identified in the HUC 10

Parameter	Pollutant	Present at Facility as part of Industrial Activity	Source	Potential to Discharge	Monitored
E. Coli and Enterococcus	Pathogens	N	N/A	N	N

Table 2.1.b includes a list of industrial activities and associated materials that are anticipated to be used onsite. These activities and associated materials will or could potentially contribute pollutants to stormwater runoff. The anticipated activities and associated pollutants provided in Table 2.1.b are the basis for selecting the BMPs for the facility as described in Section 3. Table 2.1.c presents the list of industrial materials used at the Site. Locations of all material stockpiles, storage areas, anticipated pollutants, and associated BMPs are show on the Site Map(s) in Appendix A.

Table 2.1.b: Industrial Activities and Associated Materials

Industrial Activity	Associated Industrial Materials	Material Quantity	Material Physical Characteristics	Material Location Drainage Area	Associated Pollutants	Stormwater Exposure Pathway
Production of hot-mix asphalt	Sand, gravel, asphalt, liquid asphalt	See Table 2.1.c	Solids Liquids	Drainage Area 4	Sediment Oil and Grease Hydrocarbons Gross Pollutants Trace Metals	Exposed stockpiles, leaks, spills
Storage of asphalt coatings	Asphalt Coatings	See Table 2.1.c	Liquids	Drainage Area 4	Oil and Grease Hydrocarbons	Spills, leaks
Storage and processing of aggregate, materials for concrete and asphalt production	Sand, gravel, recycled concrete base, and admixtures	See Table 2.1.c	Solids, Liquids, Powders	Drainage Area 1 Drainage Area 2 Drainage Area 3 Drainage Area 4	Sediment Oil and Grease Hydrocarbons Gross Pollutants Trace Metals	Exposed stockpiles, leaks, spills
Equipment and vehicle maintenance	Diesel fuel, solvents, oils, antifreeze, hydraulic fluids	See Table 2.1.c	Liquids	Drainage Area 3 Drainage Area 4	Oil and Grease Hydrocarbons Gross Pollutants Trace Metals	Poor housekeeping, leaks, spills

Table 2.1.c: List of Significant Materials

Significant Material	Location Where Materials are Stored	Storage Method	Total Quantities
Sand	Yard	Stockpile	30,000 tons
Rock/Gravel	Yard	Stockpile	400,000 tons
Asphalt	Process Area	Stockpile/Silos	40 tons
Recycled Asphalt	Winter Pit	Stockpile	15,000 tons
Recycled Concrete	Winter Pit	Stockpile	20,000 tons
Liquid Asphalt	Hot-Mix Asphalt Plant	Tanks	216 tons
Diesel Fuel	Lube Bay	Double-Walled Underground Storage Tanks	30,000 gallons
Propane	Hot-Mix Asphalt Plant	Tanks	287 gallons
Solvents and Oils	Lube Bay	Double-Walled Aboveground Storage Tanks	2,500 gallons
Antifreeze	Covered Storage Area	Drums	110 gallons
Hydraulic Fluids	Lube Bay	Double-Walled Aboveground Storage Tanks	1,000 gallons
Emulsion	Hot-Mix Asphalt Plant	Tanks	8,500 gallons
Guardtop	Hot-Mix Asphalt Plant	Tanks	8,400 gallons
Unleaded Gasoline	Maintenance Shop/Offices	Tank	1,000 gallons

2.3.2 Significant Spills and Leaks (Section X.G.1.d)

Table 2.2 below describes any significant spills or leaks that have occurred on site within the previous 5-year period.

Table 2.2: Spills and Leaks within Previous Five-Year Period

Industrial Material	Material Physical Characteristics	Location of Spill or Leak	Quantity Spilled or Leaked	Quantity Discharged from Site	Remaining Quantity with Potential for Discharge
NA	NA	NA	NA	NA	NA

2.4 Identification of Non-Stormwater Discharges (NSWDs) (Section X.G.1.e)

Non-stormwater discharges (NSWDs) consist of discharges which do not originate from precipitation events. The General Permit provides allowances for specified NSWDs provided they:

- Do not cause erosion;
- Do not carry other pollutants;
- Are not prohibited by the local MS4; and
- Do not require a separate NPDES Permit from the Regional Water Board.

NSWDs into storm drainage systems or waterways, which are not authorized under the General Permit and listed in the SWPPP, or authorized under a separate NPDES permit, are prohibited.

Non-stormwater discharges that are authorized at this facility include the following:

- None

Any authorized NSWDs will be managed with the stormwater and non-stormwater BMPs described in Section 3 of this SWPPP. These BMPs are implemented to:

- Reduce or prevent the contact of authorized NSWDs with materials or equipment that are potential sources of pollutants;
- Reduce, to the extent practicable, the flow or volume of authorized NSWDs;
- Ensure that authorized NSWDs do not contain quantities of pollutants that cause or contribute to an exceedance of a water quality standards; and
- Reduce or prevent discharges of pollutants in authorized NSWDs in a manner that reflects best industry practice considering technological availability and economic practicability and achievability.

Monthly visual observations will be conducted according to the General Permit (Section XI.A.1) for NSWDs and sources to ensure adequate BMP implementation and effectiveness. Monthly visual observations include observations for evidence of unauthorized NSWDs.

There are no activities at this site that may result in unauthorized non-stormwater discharges.

Steps will be taken, including the implementation of appropriate BMPs as defined in Section 3, to ensure that unauthorized NSWDS are eliminated, controlled, disposed off-site, or treated on-site.

2.5 Required Site Map(s) Information (Section X.E)

The facility's Site Map(s) is (are) provided in Appendix A, and include(s) all information required by the General Permit. The maps include information regarding the facility boundary and stormwater drainage areas, nearby water bodies, locations of stormwater collection and conveyance systems including outfalls, locations and descriptions of all industrial activities and materials, and locations and descriptions of all structural control measures.

A summary of all information provided in the Site Map(s) is provided in Table 2.4 below.

Table 2.4: Required Site Map(s) Information Checklist

Included on Site Map(s)? Yes/No/ NA	Required Element
Yes	The facility boundary (Section X.E.3.a)
Yes	Stormwater drainage areas within the facility boundary (Section X.E.3.a)
Yes	Portions of any drainage area impacted by discharges from surrounding areas
Yes	Flow direction of each drainage area (Section X.E.3.a)
Yes	On-facility surface water bodies (Section X.E.3.a)
NA*	Areas of soil erosion (Section X.E.3.a)
Yes	Location(s) of nearby water bodies (such as rivers, lakes, wetlands, etc.) (Section X.E.3.a)
NA	Location(s) of municipal storm drain inlets that may receive the facility's industrial stormwater discharges and authorized NSWDs (Section X.E.3.a)
Yes	Locations of stormwater collection and conveyance systems and associated points of discharge, and direction of flow (Section X.E.3.a)
Yes	Any structural control measures (that affect industrial stormwater discharges, authorized NSWDs, and run-on) (Section X.E.3.c)
Yes	All impervious areas of the facility, including paved areas, buildings, covered storage areas, or other roofed structures (Section X.E.3.d)
Yes	Locations where materials are directly exposed to precipitation (Section X.E.3.e)
NA	Locations where significant spills or leaks (Section X.G.1.d of the General Permit) have occurred (Section X.E.3.e)
Yes	Areas of industrial activity subject to the General Permit (Section X.E.3.f)
Yes	All storage areas and storage tanks (Section X.E.3.f)
Yes	Shipping and receiving areas (Section X.E.3.f)
Yes	Fueling areas (Section X.E.3.f)
Yes	Vehicle and equipment storage/maintenance areas (Section X.E.3.f)
Yes	Material handling and processing areas (Section X.E.3.f)
Yes	Waste treatment and disposal areas (Section X.E.3.f)

Table 2.4: Required Site Map(s) Information Checklist

Included on Site Map(s)? Yes/No/ NA	Required Element
NA**	Dust or particulate generating areas
Yes	Cleaning and material reuse areas
Yes	Any other areas of industrial activity which may have potential pollutant sources

**Unpaved/pervious surfaces as delineated on the site map are potential soil erosion areas. Additionally, stockpile areas, also delineated on the site map, are potential soil erosion areas.*

***For purposes of this SWPPP and conformance with the Permit, the entire facility is considered a dust generating area. However, the facility implements best practices to suppress dust generation, and operates in conformance with applicable AQMD rules and permit conditions.*

Section 3:
Best Management Practices



3.1 Minimum Best Management Practices (Section X.H.1)

All minimum BMPs that are required by the General Permit and necessary to meet the facility conditions will be implemented. Guidance for BMP implementation is provided in the CASQA Stormwater BMP Handbook Portal: Industrial and Commercial Fact Sheets and the relevant fact sheets are included in Appendix G. Sections 3.1.1 through 3.1.5 list the requirements for each of these minimum BMPs. Minimum BMPs will be implemented for additional targeted industrial activities, equipment, and materials as necessary. If any of the required minimum BMPs are applicable but cannot be implemented, an explanation and alternative approach will be provided in the following sections.

Table 3.1 provides a list of the five minimum General Permit BMP elements that are included in the relevant BMP fact sheets and indicates which BMPs are implemented at the facility. Employee Training, described in Section 3.1.6, and Quality Assurance and Record Keeping, described in Section 3.1.7, are additional minimum BMPs that will be implemented.

As required by the General Permit, a summary of all implemented BMPs is included in Section 3.3. The schedule for BMP implementation and the requirements for inspection and maintenance are contained in Section 4.

Table 3.1: Minimum BMPs

BMP Name	Addresses Minimum General Permit BMP Requirements					BMP to be Implemented?		
	Good Housekeeping	Preventative Maintenance	Spill and Leak Prevention and Response	Material Handling and Waste Management	Erosion and Sediment Control	YES	NO	Not Applicable
Non-Stormwater Discharges	✓		✓					✓
Spill Prevention, Control, and Cleanup			✓			✓		
Vehicle and Equipment Fueling	✓	✓	✓	✓		✓		
Vehicle and Equipment Cleaning	✓	✓	✓	✓		✓		
Vehicle and Equipment Maintenance and Repair	✓	✓	✓	✓		✓		
Outdoor Loading and Unloading	✓		✓	✓		✓		
Outdoor Liquid Container Storage	✓	✓	✓	✓		✓		
Outdoor Equipment Operations	✓	✓	✓	✓		✓		
Outdoor Storage of Raw Materials	✓	✓	✓		✓	✓		
Waste Handling and Disposal	✓	✓	✓	✓		✓		
Safer Alternative Products								✓
Contaminated or Erodible Surfaces					✓	✓		
Building and Grounds Maintenance	✓		✓	✓		✓		
Building Repair, Remodeling, and Construction	✓		✓	✓	✓	✓		
Parking Area Maintenance	✓	✓	✓			✓		
Drainage System Maintenance	✓	✓	✓			✓		

Table 3.1: Minimum BMPs

BMP Name	Addresses Minimum General Permit BMP Requirements					BMP to be Implemented?		
	Good Housekeeping	Preventative Maintenance	Spill and Leak Prevention and Response	Material Handling and Waste Management	Erosion and Sediment Control	YES	NO	Not Applicable
Additional BMPs Implemented:								

3.1.1 Good Housekeeping (Section X.H.1.a)

The following good housekeeping measures will be implemented in accordance with the General Permit (Section X.H.1.a):

- Observe all outdoor areas associated with industrial activity including stormwater discharge locations, drainage areas, conveyance systems, waste handling/disposal areas, and perimeter areas impacted by off-facility materials or stormwater run-on to determine housekeeping needs. Any identified debris, waste, spills, tracked materials, or leaked materials will be cleaned and disposed of properly;
- Minimize or prevent material tracking;
- Minimize dust generated from industrial materials or activities;
- Ensure that all facility areas impacted by rinse/wash waters are cleaned as soon as possible;
- Cover all stored industrial materials that can be readily mobilized by contact with stormwater;
- Contain all stored non-solid industrial materials or wastes (e.g., particulates, powders, shredded paper, etc.) that can be transported or dispersed via by the wind or contact with stormwater;
- Prevent disposal of any rinse/wash waters or industrial materials into the stormwater conveyance system;
- Minimize stormwater discharges from non-industrial areas (e.g., stormwater flows from employee parking area) that contact industrial areas of the facility; and
- Minimize authorized NSWDs from non-industrial areas (e.g., potable water, fire hydrant testing, etc.) that contact industrial areas of the facility.

BMPs to be implemented are summarized in Table 3.1 and the BMP fact sheets are included in Appendix G.

3.1.2 Preventative Maintenance (Section X.H.1.b)

The following preventative maintenance measures will be implemented in accordance with the General Permit (Section X.H.1.b):

- Identify all equipment and systems used outdoors that may spill or leak pollutants;
- Observe the identified equipment and systems to detect leaks, or identify conditions that may result in the development of leaks;
- Establish an appropriate schedule for maintenance of identified equipment and systems; and
- Establish procedures for prompt maintenance and repair of equipment, and maintenance of systems when conditions exist that may result in the development of spills or leaks.

Specific preventative maintenance BMPs to be implemented at the facility are provided in Table 3.1 and the BMP fact sheets are included in Appendix G.

3.1.3 Spill and Leak Prevention and Response (Section X.G.1.d and Section X.H.1.c)

The following spill and leak prevention and response measures will be implemented in accordance with the General Permit (Section X.H.1.c):

- Establish procedures and/or controls to minimize spills and leaks;
- Develop and implement spill and leak response procedures to prevent industrial materials from discharging through the stormwater conveyance system. Spilled or leaked industrial materials will be cleaned promptly and disposed of properly;
- Identify and describe all necessary and appropriate spill and leak response equipment, location(s) of spill and leak response equipment, and spill or leak response equipment maintenance procedures; and
- Identify and train appropriate spill and leak response personnel.

Specific spill and leak prevention and response BMPs to be implemented at the San Bernardino facility are provided in Table 3.1 and the BMP fact sheets are included in Appendix G.

3.1.4 Material Handling and Waste Management (Section X.G.1.b and Section X.H.1.d)

The following material handling and waste management measures will be implemented in accordance with the General Permit (Section X.H.1.d):

- Prevent or minimize handling of industrial materials or wastes that can be readily mobilized by contact with stormwater during a storm event;
- Contain all stored non-solid industrial materials or wastes (e.g., particulates, powders, shredded paper, etc.) that can be transported or dispersed by the wind or contact with stormwater during handling;
- Cover industrial waste disposal containers and industrial material storage containers that contain industrial materials when not in use;
- Divert run-on and stormwater generated from within the facility away from all stockpiled materials (to the extent feasible);
- Clean all spills of industrial materials or wastes that occur during handling in accordance with the spill response procedures (Section X.H.1.c); and
- Observe and clean as appropriate, any outdoor material or waste handling equipment or containers that can be contaminated by contact with industrial materials or wastes.

Specific material handling and waste management BMPs to be implemented at the San Bernardino facility are provided in Table 3.1 and the BMP fact sheets are included in Appendix G.

3.1.5 Erosion and Sediment Controls (Section X.G.1.f and Section X.H.1.e)

The following erosion and sediment control measures will be implemented in accordance with the General Permit (Section X.H.1.e):

- Implement effective wind erosion controls;
- Provide effective applied or vegetated stabilization for all disturbed soils and other erodible areas prior to a forecasted storm event (to the extend feasible);

- Maintain effective perimeter controls and stabilize all site entrances and exits to sufficiently control discharges of erodible materials from discharging or being tracked off the site;
- Divert run-on and stormwater generated from within the facility away from all erodible materials; and
- If sediment basins are implemented, any future basins will be designed to standards in accordance with Section X.H.6. of the General Permit

Specific erosion and sediment control BMPs to be implemented at the San Bernardino facility are provided in Table 3.1 and the BMP fact sheets are included in Appendix G.

3.1.6 Employee Training Program (Section X.H.1.f)

An employee training program will be implemented in accordance with the following requirements in the General Permit (Section X.H.1.f):

- Ensure that all team members implementing the various compliance activities of this SWPPP are properly trained in topics including but not limited to: BMP implementation, BMP effectiveness evaluations, visual observations, and monitoring activities;
- Prepare or acquire appropriate training manuals or training materials;
- Identify which personnel need to be trained, their responsibilities, and the type of training they will receive;
- Provide a training schedule; and
- Maintain documentation of all completed training classes and the personnel that received training in the SWPPP.

The Pollution Prevention Team will be trained in implementing the various compliance activities specified in this SWPPP, and documentation of training activities is retained in SWPPP Appendix C. To promote stormwater management awareness specific for this facility, refresher training will be provided on an annual basis.

Task specific training for all employees engaged in activities that have the potential to cause stormwater pollution will be conducted when new employees are hired and refresher training will be provided on an annual basis.

This facility has Baseline status and Baseline training will be performed by Vulcan staff who will be responsible for providing information during training sessions and subsequently completing the training logs, as shown in Appendix C, which identify the site-specific stormwater topics covered as well as the names of site personnel who attended the meeting. Each team member will be trained in the specific role they are responsible to undertake.

3.1.7 Quality Assurance and Record Keeping (Section X.H.1.g)

The following quality assurance and record keeping activities will be performed in accordance with the requirements in the General Permit (Section X.H.1.g):

- Develop and implement management procedures to ensure that appropriate staff implements all elements of the SWPPP, including the Monitoring Implementation Plan (SWPPP Section 5);
- Develop a method of tracking and recording the implementation of BMPs identified in the SWPPP; and

- Maintain the BMP implementation records, training records, and records related to any spills and clean-up related response activities for a minimum of five (5) years as required in the General Permit (Section XXI.J.4).

BMPs will be implemented according to the schedule and procedures presented in SWPPP Section 4. BMPs will be implemented by properly trained team members as documented in Appendix C.

Visual observations will be performed as described in SWPPP Section 5.5. Potential pollutant sources and BMPs will be inspected during visual observations, and new BMPs will be implemented as needed. Records of visual observations of BMP implementation will be retained in Appendix H.

The tracking of the implementation, maintenance, and installation of BMPs will be recorded on a BMP log. On an annual basis, this SWPPP will be amended with new BMPs, procedures, and implementation schedule accordingly. The SWPPP updates will be recorded in the attached SWPPP amendment log.

Paper or electronic records of documents required by this SWPPP will be retained for a minimum of five (5) years from the date generated or date submitted, whichever is later, for the following items:

- Employee Training Records;
- BMP Implementation Records;
- Spill and Clean-up Related Records;
- Records of Monitoring InformationL
  - The date, exact location, and time of sampling or measurement;
  - The date(s) analyses were performed;
  - The individual(s) that performed the analyses;
  - The analytical techniques or methods used; and
  - The results of such analyses;
- Level 1 ERA Reports;
- Level 2 ERA Action Plan;
- Level 2 ERA Technical Report; and
- Annual Reports.

3.2 Advanced BMPs (Section X.H.2)

3.2.1 Exposure Minimization BMPs (Section X.H.2.b.i)

Storm resistant shelters are installed onsite to prevent the contact of stormwater with industrial activities and material. The locations of these shelters and associated industrial activities and materials are presented in Table 3.2.

Table 3.2 Exposure Minimization BMPs

Shelter Location/Description	Associated Industrial Activity/Material
Drainage Area 3/ roofed building/shop and maintenance areas	Vehicle maintenance, equipment maintenance, material storage area, empty drums
Drainage Area 4/ overhead structure, roofed building/shop and maintenance areas	Equipment storage and light maintenance

Additional storm resistant shelters are not currently being used at the San Bernardino Site. It is not feasible or practical to attempt covering the large areas of activity such as stockpiles, aggregate processing, concrete and asphalt batching and materials used in the production of these products.

3.2.2 Stormwater Containment and Discharge Reduction BMPs (Section X.H.2.b.ii)

Stormwater containment and discharge reduction BMPs include BMPs that divert, reuse, contain, or reduce the volume of stormwater runoff. Specific stormwater containment and discharge reduction BMPs to be implemented at the San Bernardino facility are provided in Table 3.3 and the BMP fact sheets are included in Appendix G.

Table 3.3: Stormwater Containment and Discharge Reduction BMPs

BMP Name	Meets Advanced BMP Requirement	BMP Used		BMP Location, Runoff Sources, and Potential Pollutants (Table 2.1)
		YES	NO	
Infiltration Trench	✓			
Infiltration Basin	✓	✓		Drainage Area 3, Basin 2 contains runoff from the parking lot area and surrounding perimeter. Potential pollutants are oil and grease and total suspended solids. Basin 3 contains runoff from the area near the asphalt batch plant. Potential pollutants are oil and grease, total suspended solids, and nitrite, nitrate.
Harvest and Reuse	✓	✓		Drainage Area 3, Basin Network 1 contains runoff from near the aggregate and hot-mix asphalt plants. Potential pollutants are oil and grease, total suspended solids, nitrate, nitrite and trace metals (based on current site conditions of boneyards exposed to stormwater runoff.) This is pumped from a series of sumps located on site to the Process Water Basins for use in the aggregate plant.
Wet Pond	✓			
Constructed Wetland	✓			
Extended Detention Basin	✓			
Vegetated Swale				
Vegetated Buffer Strip				
Bioretention	✓			
Multiple Systems	✓			
Biotreatment				
Wet Vault				
Alternate BMPs Used:				**If used, state reason:**

3.2.3 Treatment Control BMPs (Section X.H.2.b.iii)

Treatment control BMPs include one or more mechanical, chemical, biologic, physical, or any other treatment process technology and is sized to meet the treatment control design storm standard. Specific treatment control BMPs to be implemented at the San Bernardino facility are provided in Table 3.4 and the BMP fact sheets are included in Appendix G.

3.2.4 Other Advanced BMPs (Section X.G.2.b and Section X.H.2.b.iv)

There are not currently any additional or Advanced BMPs being implemented at the Site.

Table 3.4: Treatment Control BMPs

BMP Name	Addresses O&M for Advanced BMPs	BMP Used		BMP Location, Runoff Sources, and Potential Pollutants
		YES	NO	
Infiltration Trench	✓		✓	
Infiltration Basin	✓	✓		Drainage Area 3, Basin 2 contains runoff from the parking lot area and surrounding perimeter. Potential pollutants are oil and grease and total suspended solids. Basin 3 contains runoff from the area near the asphalt batch plant. Potential pollutants are oil and grease, total suspended solids, and nitrite, nitrate.
Harvest and Reuse		✓		Drainage Area 3, Basin Network 1 contains runoff from near the aggregate and hot-mix asphalt plants. Potential pollutants are oil and grease, total suspended solids, nitrate, nitrite and trace metals (based on current site conditions of boneyards exposed to stormwater runoff.) This is pumped from a series of sumps located on site to the Process Water Basins for use in the aggregate plant.
Wet Pond	✓		✓	
Constructed Wetland	✓		✓	
Extended Detention Basin	✓		✓	
Vegetated Swale	✓		✓	
Vegetated Buffer Strip	✓		✓	
Bioretention	✓		✓	
Media Filter	✓		✓	
Water Quality Inlet	✓		✓	
Multiple Systems	✓		✓	
Biotreatment	✓		✓	
Stormwater Filter	✓		✓	
Wet Vault	✓		✓	

Table 3.4: Treatment Control BMPs

BMP Name	Addresses O&M for Advanced BMPs	BMP Used		BMP Location, Runoff Sources, and Potential Pollutants
		YES	NO	
Gravity Separator	✓		✓	
Drain Inlet Insert	✓		✓	
Alternate BMPs Used:				**If used, state reason:**

3.3 BMP Summary Table (Section X.H.5)

Table 3.5 summarizes the industrial activities, materials, pollutant sources, potential pollutants, and BMPs being implemented to prevent discharge of pollutants in stormwater runoff. Descriptions of the specific BMPs being implemented were provided in previous subsections. Implementation and maintenance of BMPs is described in Section 4.

Table 3.5: BMP Summary Table

Industrial Activity/Material	Pollutant Sources	Potential Pollutants	BMPs Implemented	Drainage Area/Basin Number	Required Equipment and Tools
Production of hot-mix asphalt	Sand, gravel, asphalt, liquid asphalt	Sediment Oil and Grease Hydrocarbons Gross Pollutants Trace Metals	Good Housekeeping Spill prevention and maintenance Berms to direct surface flows to basins Secondary containment	Drainage Area 4	Broom, dustpan, covered trash bin Spill Kit Bulldozer for berm maintenance
Storage of asphalt coatings	Asphalt Coatings	Oil and Grease Hydrocarbons	Good Housekeeping Spill prevention and maintenance Berms to direct surface flows to basins Secondary containment	Drainage Area 4	Broom, dustpan, covered trash bin. Spill Kit Bulldozer for berm maintenance Secondary containment inspections
Storage and processing of aggregate, materials for concrete and asphalt production	Sand, gravel, recycled concrete base, and admixtures	Sediment Oil and Grease Hydrocarbons Gross Pollutants Trace Metals	Good Housekeeping Spill prevention and maintenance Berms to direct surface flows to basins Secondary containment	Drainage Area 1 Drainage Area 2 Drainage Area 3	Broom, dustpan, covered trash bin Spill Kit Bulldozer for berm maintenance Secondary containment inspections
Equipment and vehicle maintenance	Diesel fuel, solvents, oils, antifreeze, hydraulic fluids	Oil and Grease Hydrocarbons Gross Pollutants Trace Metals	Good Housekeeping Spill prevention and maintenance Berms to direct surface flows to basins. Secondary containment. Protective covers over maintenance activity	Drainage Area 3 Drainage Area 4	Broom, dustpan, covered trash bin. Spill Kit Bulldozer for berm maintenance Secondary containment inspections.

Section 4:
Best Management Practices Implementation

4.1 BMP Implementation Schedule (Section X.H.4)

The schedule for implementing all minimum and advanced BMPs is presented in Table 4.1. BMPs will be implemented as necessary to reduce or prevent transport of industrial pollutants in stormwater runoff. Slight modifications to this schedule may be necessary to achieve this goal. Records of BMP implementation will be included in Appendix H.

Table 4.1: BMP Implementation Schedule

Industrial Activity/ Material and Location	BMP Description	Person Responsible for Implementing BMP	Date and Time of Implementation	Implementation Duration
Production of hot-mix asphalt	Good Housekeeping Spill prevention and maintenance Berms to direct surface flows to basins Secondary containment	Jason Solis	Currently installed and operational	Ongoing, including inspections and maintenance
Storage of asphalt coatings	Good Housekeeping Spill prevention and maintenance Berms to direct surface flows to basins Secondary containment	Jason Solis	Currently installed and operational	Ongoing, including inspections and maintenance
Storage and processing of aggregate, materials for concrete and asphalt production	Good Housekeeping Spill prevention and maintenance Berms to direct surface flows to basins Secondary containment.	Jason Solis	Currently installed and operational	Ongoing, including inspections and maintenance

Table 4.1: BMP Implementation Schedule

Industrial Activity/ Material and Location	BMP Description	Person Responsible for Implementing BMP	Date and Time of Implementation	Implementation Duration
Equipment and vehicle maintenance	Good Housekeeping Spill prevention and maintenance Berms to direct surface flows to basins Secondary containment Protective covers over maintenance activity	Jason Solis	Currently installed and operational	Ongoing, including inspections and maintenance

4.2 BMP Inspection and Maintenance (Section X.H.4.a.)

The General Permit requires, at a minimum, monthly observations of BMPs, along with inspections during sampling events. Monthly observations will be conducted during daylight hours of scheduled facility operating hours and on days without precipitation. A BMP observation checklist must be filled out for and maintained on-site with the SWPPP. The observation checklist includes the necessary information as discussed in Section 5.5. A blank observation checklist can be found in Appendix I, and completed checklists will be kept in Appendix H or in an accompanying file/binder that is referenced in the SWPPP and readily accessible on site.

BMPs will be maintained regularly to ensure proper and effective functionality. If necessary, corrective actions will be implemented within 72 hours of identified deficiencies and associated amendments to the SWPPP will be prepared and documented.

Specific guidance for maintenance, observation, and repair of advanced BMPs can be found in the BMP Factsheets in Appendix G.

4.3 Temporary Suspension of Industrial Activities (TSIA) BMPs

For facilities that plan to temporarily suspend industrial activities for ten (10) or more consecutive calendar days during a reporting year, the Discharger may also suspend monitoring if it is infeasible to conduct monitoring while industrial activities are suspended (e.g., the facility is not staffed, or the facility is remote or inaccessible) and the facility has been stabilized.

This Site is not under the TSIA.

Section 5:
Monitoring Implementation Plan (Section X.I)



5.1 Purpose

This Monitoring Implementation Plan was developed to address the following objectives:

1. Identify the monitoring team;
2. Describe weather and rain event tracking procedures;
3. Describe discharge locations, visual observations procedures
4. Describe visual observation response procedures;
5. Describe sample collection and handling procedures;
6. Describe field instrumentation calibration instructions and intervals;
7. Provide justification for alternative discharge locations, Representative Sample Reduction (RSR), and Qualified Combined Samples (QCS), as applicable; and
8. Provide an example Chain of Custody (COC) form to be used when handling and shipping water quality samples to the laboratory.

5.2 Weather and Rain Event Tracking

Stormwater sampling and visual observations will be conducted during Qualified Storm Events (QSEs). A QSE is defined as any precipitation event that produces a discharge for at least one drainage area and is preceded by 48 hours with no discharge from any drainage area. Weather and precipitation forecasts will be tracked to identify potential QSEs.

When targeting a QSE for stormwater sampling, the appropriate team member will track weekly weather and precipitation forecasts. If weekly forecasts indicate potential for significant precipitation, the weather forecast will be closely monitored during the 48 hours preceding the event.

5.3 Monitoring Locations (Section X.E.3.b)

Monitoring locations are shown on the Site Map(s) in Appendix A. Monitoring locations are described in Section 5.6.

Whenever changes in facility operations might affect the appropriateness of sampling locations, the sampling locations will be revised accordingly. All such revisions will be implemented as soon as feasible and the SWPPP amended.

5.4 Sample Collection and Visual Observation Exceptions (Section XI.C.6)

The collection of samples or conduct visual observations is not required under the following conditions:

- During dangerous weather conditions such as flooding and electrical storms.
- Outside of scheduled site business hours.

Scheduled site business hours are presented in Section 2.2.

If monitoring (visual observations or sample collection) of the site is unsafe because of the dangerous conditions noted above then the appropriate team member will document the conditions for why an exception to performing the monitoring was necessary. The exception documentation will be filed in Monitoring Implementation Plan Attachment 1 "Monitoring Records."

5.5 Visual Observation Procedures (Section X.I.2)

Visual monitoring includes observations of drainage areas, BMPs, and discharge locations.

- Observations of BMPs are required to identify and record BMPs that need maintenance to operate effectively, that have failed, or that could fail to operate as intended.
- Observations of the drainage areas are required to identify any spills, leaks, uncontrolled pollutant sources, and non-stormwater discharges.
- Observations of discharge locations are required to identify the presence of visible pollutants in stormwater discharged from the facility.

Visual observations will be performed at least once every calendar month during dry conditions. Visual observations will also be performed during stormwater sampling events when discharge is occurring.

5.5.1 Monthly Visual Observations (Section XI.A.1)

Monthly visual observations are necessary to document the presence of and to identify the source of any pollutants and non-stormwater flows. These should consist of observations of the outdoor facility operations, BMPs, and NSWD observations.

In the event that monthly visual observations are not performed, an explanation must be provided in the annual report.

5.5.1.1 Outdoor Facility Operations Observations (Section XI.A.1.a.iii)

Observe potential sources of industrial pollutants including industrial equipment and storage areas, and outdoor industrial activities. Record observations of:

- Spills or leaks; and
- Uncontrolled pollutant sources

5.5.1.2 BMP Observations (Section XI.A.1.a.iii)

Observe BMPs to identify and record:

- BMPs that are properly implemented;
- BMPs that need maintenance to operate effectively;
- BMPs that have failed; or
- BMPs that could fail to operate as intended.

5.5.1.3 Non-Stormwater Discharge Observations (Section XI.A.1.a.ii)

Observe each drainage area for the presence of or indications of prior unauthorized and authorized non-stormwater discharges. Record:

- Presence or evidence of any non-stormwater discharge (authorized or unauthorized);
- Pollutant characteristics (floating and suspended material, sheen, discoloration, turbidity, odor, etc.); and
- Source of discharge.

For authorized non-stormwater discharges, also document whether BMPs are in place and are functioning to prevent contact with materials or equipment that could introduce pollutants

5.5.2 Sampling Event Visual Observations (Section XI.A.2)

Sampling event visual observations evaluate the general appearance of the stormwater as an indicator of potential pollutants. These observations will be conducted at the same time sampling occurs at the discharge locations identified in Section 5.6.2. At each discharge location where a sample is obtained, record observations of:

- Floating and suspended materials;
- Oil and grease;
- Discoloration;
- Turbidity;
- Odors; and
- Trash.

When pollutants are observed in the discharged stormwater, follow-up observations of the drainage area will be conducted to identify the probable source of the pollutants.

In the event that a discharge location is not visually observed during the sampling event, the location of the discharge and reasoning for not obtaining observations must be recorded.

5.5.3 Visual Monitoring Procedures (Section X.I.1)

Visual monitoring will be conducted by trained team members. The name(s) and contact number(s) of the site visual monitoring personnel are listed below and their training qualifications are provided in Appendix C.

Assigned Inspector: Jason Solis **Contact phone:** (661) 533-2127

Alternate Inspector: Floyd Sibole **Contact phone:** (909) 875-1150

Visual observations will be documented on the *Sample Event Visual Observation* form (see Monitoring Implementation Plan Attachment 2 "Forms"). Visual observations will be supplemented with a site specific BMP inspection checklist.

The completed logs and checklists will be kept in Monitoring Implementation Plan Attachment 1 "Monitoring Records."

5.5.4 Visual Monitoring Follow-Up and Reporting (Section XI.A)

Correction of deficiencies identified by the observations, including required repairs or maintenance of BMPs, will be initiated and completed as soon as possible. Response actions will include the following:

- Report observations to the Pollution Prevention Team Leader or designated individual;
- Identify and implement appropriate response actions;
- Determine if SWPPP update is needed;
- Verify completion of response actions; and
- Document response actions.

If identified deficiencies require design changes, including additional BMPs, the implementation of changes will completed as soon as possible, and the SWPPP will be amended to reflect the changes.

BMP deficiencies identified in site observation reports and correction of deficiencies will be tracked on the *BMP Observation Checklist* and will be retained in Appendix I.

Results of visual monitoring must be summarized and reported in the Annual Report.

5.5.5 Visual Monitoring Locations (Section XI.A)

The observations identified in Sections 5.5.1 and 5.5.2 will be conducted at the locations identified in this section.

Visual monitoring locations are shown on the Site Map(s) in SWPPP Appendix A.

There are five drainage area(s) onsite. Drainage area(s) are shown on the Site Map(s) in Appendix A and are identified in Table 5.1.

Table 5.1: Facility Drainage Areas

Location Identifier	Drainage Area Name
DA-1	Drainage Area 1
DA-2	Drainage Area 2
DA-3	Drainage Area 3
DA-4	Drainage Area 4
DA-5	Drainage Area 5

There is one discharge location onsite. Site stormwater discharge location(s) are shown on the Site Map(s) in Appendix A and Table 5.2 identifies each stormwater discharge location.

Table 5.2: Stormwater Discharge Locations

Location Identifier	Discharge Location (Note Drainage Area that the discharge location drains)
DP-1	Drainage Area 4

There are five stormwater storage, sedimentation basins, or containment areas onsite. Stormwater storage or containment areas are shown on the Site Map(s) in Appendix A and Table 5.3 identifies each stormwater storage or containment area by location.

Table 5.3: Stormwater Storage and Containment Areas

Location Identifier	Description of Containment
Basin Network 1	Drainage Area 3, three connected process water basins receive run off from the aggregate plant and asphalt batch plant
Basin 2	Drainage Area 3, unlined sedimentation basin
Basin 3	Drainage Area 4, unlined sedimentation basin

5.6 Sampling and Analysis Procedures (Section XI.B)

This section describes the methods and procedures that will be followed for stormwater sampling and analysis. It contains information for sampling schedule, sampling locations, monitoring preparation, analytical constituents, sample collection, sample analysis, and data evaluation and reporting.

5.6.1 Sampling Schedule (Section XI.B.)

Stormwater samples at each discharge location will be collected and analyzed from two (2) QSEs within the first half of each reporting year (July 1 to December 31), and two (2) QSEs within the second half of each reporting year (January 1 to June 30).

A QSE is a precipitation event that:

- Produces a discharge for at least one drainage area; and
- Is preceded by 48 hours with no discharge from any drainage area.

5.6.2 Sampling Locations (Section XI.B.4)

Sampling locations include all locations where stormwater is discharged from the site. Discharge locations are shown on the Site Map(s) in Appendix A and are included in Table 5.4.

A total of two discharge location(s) have been identified on the project site for the collection of stormwater runoff samples.

Table 5.4: Sample Locations

Sample Location Number	Sample Location Description	Sample Location Latitude and Longitude (Decimal Degrees)
DP-1	Discharge from Drainage Area 4	34°8'10.71"N 117°21'6.77"W

5.6.3 Monitoring Preparation

Samples on the project site will be collected by the following sampling personnel:

Name/Telephone Number: Jason Solis/(661) 533-2127

Alternate(s)/Telephone Number: Floyd Sibole/(909) 875-1150

An adequate stock of monitoring supplies and equipment for sampling will be available onsite prior to a sampling event. Monitoring supplies and equipment will be stored in a cool temperature environment that will not come into contact with rain or direct sunlight. Sampling personnel will be available to collect samples in accordance with the sampling schedule. Supplies maintained at the facility will include, but are not limited to: clean powder-free nitrile gloves; sample collection equipment; coolers; appropriate number and volume of sample containers; identification labels; re-sealable storage bags; paper towels; personal rain gear; ice; and *Sampling Log* form and Chain of Custody (CoC) forms, which are provided in Monitoring Implementation Plan Attachment 2 "Forms."

5.6.4 Analytical Constituents (Section X.G.2.d)

Table 5.5 identifies the constituents identified for sampling and analysis.

Table 5.5: Analytical Constituents

Constituent	Reason
pH	Basic required constituent
Oil and grease	Basic required constituent
Total Suspended Solids	Basic required constituent
Nitrate + Nitrite	SIC Code constituent (144x Sand and Gravel)

5.6.5 Sample Collection (Section XI.B.5)

Samples of discharge will be collected at the designated sampling locations shown on the Site Map(s) in Appendix A. Samples from each discharge location will be collected within four (4) hours of:

- The start of the discharge; or
- The start of facility operations if the QSE occurs within the previous 12-hour period.

Sample collection is required during scheduled facility operating hours and when sampling conditions are safe.

Grab samples will be collected and preserved in accordance with the methods identified in Table 5.6, "Sample Collection, Preservation and Analysis for Water Quality Samples" provided in Section 5.6.6. Only team members properly trained in water quality sampling will collect samples.

The facility is not subject to Subchapter N ELGs mandating pH analysis and has not entered Level 1 Status for pH. Grab samples will be collected and analyzed for pH using litmus paper or other equivalent pH test kits. pH analysis will be performed as soon as practicable, but no later than 15 minutes after sample collection.

Samples from different discharge locations will not be combined or composited prior to shipment to the analytical laboratory. Sample collection and handling requirements are described in Section 5.8.

5.6.6 Sample Analysis (Section XI.B.6)

Samples will be analyzed using the analytical methods identified in the Table 5.6.

Samples will be analyzed by:

Laboratory Name:	TestAmerica
Street Address:	17461 Derian Avenue, Suite 100
City, State Zip:	Irvine, CA 92614
Telephone Number:	(949) 261-1022
Point of Contact:	Lena Davidkova
ELAP Certification No.:	2706

Samples will be delivered to the laboratory by:

Facility Personnel:	☐	Yes	☒	No
Picked up by Laboratory Courier:	☐	Yes	☒	No
Shipped:	☒	Yes	☐	No

Table 5.6: Sample Collection, Preservation and Analysis for Water Quality Samples

Constituent	Analytical Method	Minimum Sample Volume	Sample Containers	Sample Preservation	Reporting Limit	Maximum Holding Time
Total Suspended Solids (TSS)	EPA 160.2	250 mL	250 mL HDPE	Cool to 4 degrees C	1 mg/L	7 days
pH	EPA 9040	60 mL	60 mL HDPE	Cool to 4 degrees C	NA	15 minutes
Oil and Grease (O&G)	EPA 413.2	500 mL	500 mL amber glass	H_2SO_4 (sulfuric acid) Cool to 4 degrees C	1 mg/L	28 days
Nitrate + Nitrite	EPA 300.0	125 mL	125 mL HDPE	Cool to 4 degrees C	0.01 mg/L	48 hours

Notes:

5.6.7 Data Evaluation and Reporting (Section XI.B.11)

The designated member of the Pollution Prevention Team will complete an evaluation of the water quality sample analytical results.

All sampling and analytical results for all individual samples will be submitted via SMARTS within 30 days of obtaining all results for each sampling event.

The method detection limit will be provided when an analytical result from samples taken is reported by the laboratory as a “non-detect" or less than the method detection limit. A value of zero will not be reported.

Analytical results that are reported by the laboratory as below the minimum level (often referred to as the reporting limit) but above the method detection limit will be provided.

Reported analytical results will be averaged automatically by SMARTS at the end of the reporting year. For any calculations required by the General Permit a value of zero shall be used, all effluent sampling analytical results that are reported by the laboratory as “non-detect" or less than the Method Detection Limit (MDL).

5.7 Training of Sampling Personnel (Section IX)

Sampling personnel will be trained to collect, maintain, and ship samples in accordance with the General Permit and this SWPPP. Training records of designated sampling personnel are provided in Appendix C.

The stormwater sampler(s) and alternate(s) have received the following stormwater sampling training:

Name	Training
Floyd Sibole	Annual Stormwater Training
Jason Solis	Annual Stormwater Training

5.8 Sample Collection and Handling (Section XI.B)

5.8.1 Sample Collection (Section XI.B.5)

Samples will be collected at the designated sampling locations shown on the Site Map(s) and listed in the preceding sections. Samples will be collected, maintained and shipped in accordance with the requirements in the following sections. If sedimentation basins or infiltration basins overflow during wet weather events, samples will be collected from the discharge of each basin which discharges from the facility.

Grab samples will be collected and preserved in accordance with the methods identified in preceding sections.

To maintain sample integrity and prevent cross-contamination, sample collection personnel will follow the protocols below.

- Collect samples (for laboratory analysis) only in analytical laboratory-provided sample containers;
- Wear clean, powder-free nitrile gloves when collecting samples;

- Change gloves whenever something not known to be clean has been touched;
- Change gloves between sites;
- Decontaminate all equipment (e.g. bucket, tubing) prior to sample collection using a trisodium phosphate water wash, distilled water rinse, and final rinse with distilled water. (Dispose of wash and rinse water appropriately, i.e., do not discharge to storm drain or receiving water). Do not decontaminate laboratory provided sample containers;
- Do not smoke during sampling events;
- Never sample near a running vehicle;
- Do not park vehicles in the immediate sample collection area (even non-running vehicles);
- Do not eat or drink during sample collection; and
- Do not breathe, sneeze, or cough in the direction of an open sample container.

The most important aspect of grab sampling is to collect a sample that represents the entire runoff stream. Typically, samples are collected by dipping the collection container in the runoff flow paths and streams as noted below.

- For small streams and flow paths, simply dip the bottle facing upstream until full.
- For larger stream that can be safely accessed, collect a sample in the middle of the flow stream by directly dipping the mouth of the bottle. Once again making sure that the opening of the bottle is facing upstream as to avoid any contamination by the sampler.
- For larger streams that cannot be safely waded, pole-samplers may be needed to safely access the representative flow.
- Avoid collecting samples from ponded, sluggish or stagnant water.
- Avoid collecting samples directly downstream from a bridge as the samples can be affected by the bridge structure or runoff from the road surface.
- Do not stand upstream of the sampling point within the flow path.

Note, that depending upon the specific analytical test, some containers may contain preservatives. These containers should ***never*** *be dipped into the stream, but filled indirectly from the collection container.*

5.8.2 Sample Handling

Field pH measurements must be collected immediately. Do not store pH samples for later measurement.

Samples for laboratory analysis must be handled as follows. Immediately following sample collection:

- Cap sample containers;
- Complete sample container labels;
- Sealed containers in a re-sealable storage bag;
- Place sample containers into an ice-chilled cooler;
- Document sample information on the *Sampling Field Log Sheet*; and
- Complete the CoC.

All samples for laboratory analysis must be maintained between 0-6 degrees Celsius during delivery to the laboratory. Samples must be kept on ice, or refrigerated, from sample collection through delivery to the laboratory. Place samples to be shipped inside coolers with ice. Make sure the sample bottles are well packaged to prevent breakage and secure cooler lids with packaging tape.

Ship samples that will be laboratory analyzed to the analytical laboratory right away. Hold times are measured from the time the sample is collected to the time the sample is analyzed. The General Permit requires that samples be received by the analytical laboratory within 48 hours of the physical sampling (unless required sooner by the analytical laboratory).

5.8.3 Sample Documentation Procedures

All original data documented on sample bottle identification labels, *Sampling Log*, and CoCs will be recorded using waterproof ink. If an error is made on a document, sampling personnel will make corrections by lining through the error and entering the correct information. The erroneous information will not be obliterated. All corrections will be initialed and dated.

Duplicate samples will be identified consistent with the numbering system for other samples to prevent the laboratory from identifying duplicate samples. Duplicate samples will be identified in the Sampling Log.

Sample documentation procedures include the following:

Sample Bottle Identification Labels: Sampling personnel will attach an identification label to each sample bottle. Sample identification will uniquely identify each sample location. A unique sample identification number for each collected sample is necessary to avoid confusion of the sampling results. Storm water samples will be labeled with a simple sample identification number; as an example "DP-01-mmddyyyy":

- DP stands for discharge point.
- 01 is the location designation.
- mmddyyyy is the month, day, and year of the sampling.

The sample date, time, sampler's initials, and company name will also be written on each sample label.

Field Log Sheets: Sampling personnel will complete the *Effluent Sampling Field Log Sheet* and *Receiving Water Sampling Field Log Sheet* for each sampling event, as appropriate.

Chain of Custody: Sampling personnel will complete the CoC for each sampling event for which samples are collected for laboratory analysis. The sampler will sign the CoC when the sample(s) is turned over to the testing laboratory or courier.

5.9 Quality Assurance and Quality Control (Section X.H.1.g)

An effective Quality Assurance and Quality Control (QA/QC) plan will be implemented as part of the IMP to ensure that analytical data can be used with confidence. QA/QC procedures to be initiated include the following:

- Field logs;
- Clean sampling techniques;
- CoCs;
- QA/QC Samples; and
- Data verification.

Each of these procedures is discussed in more detail in the following sections.

5.9.1 Field Logs

The purpose of field logs is to record sampling information and field observations during monitoring that may explain any uncharacteristic analytical results. Sampling information to be included in the field log include the date and time of water quality sample collection, sampling personnel, sample container identification numbers, and types of samples that were collected. Field observations should be noted in the field log for any abnormalities at the sampling location (color, odor, BMPs, etc.). Field measurements for pH and turbidity should also be recorded in the field log. the *Sampling Event Visual Observation* and *Sampling Log* forms are located in Monitoring Implementation Plan Attachment 2 "Forms."

5.9.2 Clean Sampling Techniques

Clean sampling techniques involve the use of certified clean containers for sample collection and clean powder-free nitrile gloves during sample collection and handling. As discussed in Section 6.8, adoption of a clean sampling approach will minimize the chance of field contamination and questionable data results.

5.9.3 Chain of Custody (Section X.I.5)

The sample CoC is an important documentation step that tracks samples from collection through analysis to ensure the validity of the sample. Sample CoC procedures include the following:

- Proper labeling of samples;
- Use of CoC forms for all samples; and
- Prompt sample delivery to the analytical laboratory.

Analytical laboratories usually provide CoC forms to be filled out for sample containers. An example CoC is included in Monitoring Implementation Plan Attachment 2 "Forms."

5.9.4 QA/QC Samples

QA/QC samples provide an indication of the accuracy and precision of the sample collection; sample handling; field measurements; and analytical laboratory methods. Only Field Duplicate samples will be collected as QA/QC samples for this project:

☒ Field Duplicates at a frequency of 1 duplicate per sample event
(Required for all sampling plans with field measurements or laboratory analysis)

5.9.4.1 Field Duplicates

Field duplicates provide verification of laboratory or field analysis and sample collection. Duplicate samples will be collected, handled, and analyzed using the same protocols as primary samples. The sample location where field duplicates are collected will be randomly selected from the discharge locations. Duplicate samples will be collected as a split of the primary sample. Duplicate samples will not influence any evaluations or conclusion.

5.9.4.2 Equipment Blanks

Equipment blanks provide verification that equipment has not introduced a pollutant into the sample. Equipment blanks are typically collected when:

- New equipment is used;
- Equipment that has been cleaned after use at a contaminated site;
- Equipment that is not dedicated for surface water sampling is used; or
- A new lot of filters is used when sampling metals.

5.9.4.3 Field Blanks

Field blanks assess potential sample contamination levels that occur during field sampling activities. De-ionized water field blanks are taken to the field, transferred to the appropriate container, and treated the same as the corresponding sample type during the course of a sampling event.

5.9.4.4 Travel Blanks

Travel blanks assess the potential for cross-contamination of volatile constituents between sample containers during shipment from the field to the laboratory. De-ionized water blanks are taken along for the trip and held unopened in the same cooler with the VOC samples.

5.9.5 Data Verification

After results are received from the analytical laboratory, the discharger will verify the data to ensure that it is complete, accurate, and the appropriate QA/QC requirements were met. Data must be verified as soon as the data reports are received. Data verification will include:

- Check the CoC and laboratory reports.
  Make sure all requested analyses were performed and all samples are accounted for in the reports.
- Check laboratory reports to make sure hold times were met and that the reporting levels meet or are lower than the reporting levels agreed to in the contract.

- Check data for outlier values and follow up with the laboratory.
  Occasionally typographical errors, unit reporting errors, or incomplete results are reported and should be easily detected. These errors need to be identified, clarified, and corrected quickly by the laboratory. Especially note data that is an order of magnitude or more different than similar locations, or is inconsistent with previous data from the same location.
- Check laboratory QA/QC results.
  EPA establishes QA/QC checks and acceptable criteria for laboratory analyses. These data are typically reported along with the sample results. Evaluate the reported QA/QC data to check for contamination (method, field, and equipment blanks), precision (laboratory matrix spike duplicates), and accuracy (matrix spikes and laboratory control samples). When QA/QC checks are outside acceptable ranges, the laboratory must flag the data, and usually provides an explanation of the potential impact to the sample results.
- Check the data set for outlier values and accordingly, confirm results and re-analyze samples where appropriate.
  Sample re-analysis should only be undertaken when it appears that some part of the QA/QC resulted in a value out of the accepted range. Sample results may not be discounted unless the analytical laboratory identifies the required QA/QC criteria were not met and confirms this in writing.

Field data including pH measurements and visual observations must be verified as soon as the Visual Observation and Sampling Logs are received, typically at the end of the monitoring event. Field data verification will include:

- Check logs to make sure all required measurements were completed and appropriately documented;
- Check reported values that appear out of the typical range or inconsistent;
  Follow-up immediately to identify potential reporting or equipment problems, if appropriate, recalibrate equipment after sampling;
- Verify equipment calibrations;
- Review observations noted on the logs; and
- Review notations of any errors and actions taken to correct the equipment or recording errors.

5.10 Records Retention (Section XXI.J.4)

Records of stormwater monitoring information and copies of reports (including Annual Reports) must be retained for a period of at least five (5) years from date of submittal or longer if required by the Regional Water Board.

Results of visual observations, field measurements, and laboratory analyses must be kept in the SWPPP along with CoCs, and other documentation related to the monitoring.

Records to be retained include:

- The date, place, and time of inspections, sampling, visual observations, and/or measurements, including precipitation;
- The individual(s) who performed the inspections, sampling, visual observation, and/or field measurements;
- The date and approximate time of field measurements and laboratory analyses;
- The individual(s) who performed the laboratory analyses;
- A summary of all analytical results, the method detection limits and reporting limits, and the analytical techniques or methods used;
- Weather reports;
- QA/QC records and results;
- Calibration records;
- Visual observation and sample collection exception records; and
- The records of any corrective actions and follow-up activities that resulted from analytical results, visual observations, or inspections.

Monitoring Implementation Plan Attachment 1: Monitoring Records (Section XXI.J)

Monitoring Implementation Plan Attachment 2: Forms (Section X.I.5)

–Monthly Visual Observations (Dry Weather)–

Date and Time of Inspection:

Facility Name:

BMP Observations

Were any authorized non-stormwater discharges observed?	Yes ☐	No ☐
Were there any indications of prior, current, or potential **unauthorized** non-stormwater discharges observed?	Yes ☐	No ☐

If **yes**, indicate which drainage area and corrective action taken:

Outdoor Industrial Equipment and Storage Area Observations

Were any deficiencies or any other potential source of industrial pollutants observed? Yes □ No □

If **yes** , indicate which drainage area, describe the deficiency/pollutant source, and identify a corrective action:

Minimum BMPs (list and inspect all BMPs implemented)	(Yes, No, N/A)	Action Required (Yes/No)	Action Implemented (Date)
Is site free of debris, waste, spills, tracked materials, and/or spilled or leaked materials (i.e., site is clean and orderly)?			
Are material tracking BMPs (e.g., rumble grates, stabilized entrance/exit, etc.) in good working order?			
Are all industrial systems and equipment, mobile and fixed, free of spills or leaks?			
Is the site specific SPCC current and being implemented?			
Are spill kits fully stocked and ready for use?			
Are all BMPs implemented to prevent erosion and sediment discharges (e.g., perimeter berms, gravel bags, straw wattles, hay bales, stabilized slopes, etc.) maintained and in good working order?			
Are waste storage containers covered or in a covered area?			
Are stockpiles stabilized and are BMPs in place to divert storm water away from stockpiles?			

If **no** to any of the above, indicate which drainage area, describe the deficiency, and identify a corrective action:

Inspector Information

Inspector Name:	Inspector Title:
Signature:	Date:

–Sampling Event Visual Observation–

Date and Time of Inspection:

Facility Name:

Observations During Sampling



Observations: Location, Discharge Point, and identify probable cause

Odors	Yes ☐	No ☐	Discharge Point(s):
Floating material	Yes ☐	No ☐	Discharge Point(s):
Suspended material	Yes ☐	No ☐	Discharge Point(s):
Sheen	Yes ☐	No ☐	Discharge Point(s):
Discolorations	Yes ☐	No ☐	Discharge Point(s):
Turbidity	Yes ☐	No ☐	Discharge Point(s):
pH	DP1 _____ DP2_____ DP3_____ DP4_____ DP5_____		

If yes to either, identify source and describe observation:

Exception Documentation (explanation required if inspection could not be conducted)

Inspector Information

Inspector Name:	Inspector Title:
Signature:	Date:

Sampling Log



Facility Name: San Bernardino	**Date:**	**Time Start:**
Sampler Name:		

Field Meter Calibration

pH Meter ID No./Description:

Calibration Date/Time:

Field pH Measurements

Discharge Location Identifier	pH	Time

Samples Collected

Discharge Location Identifier	Constituent	Time
	Oil and Grease	
	Total Suspended Solids	
	Nitrate + Nitrite	

Additional Sampling Notes:

Time End:

Chain of Custody Record

TestAmerica Irvine
17461 Derian Avenue
Suite 100
Irvine, CA 92614-5843
phone 949.261.1022 fax 949.260.3299

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	**Project Manager:**	**Site Contact:**	**Date:**	COC No:
Cesar Aranda, Vulcan Material Company	**Tel/Fax:**	**Lab Contact:**	**Carrier:**	___1___ of ___1___ COCs
11599 Old Fraint Road	**Analysis Turnaround Time**			Sampler:
Fresno, CA 93730	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
(559) 434-1202 Phone	TAT if different from Below _____			Walk-in Client:
(xxx) xxx-xxxx FAX	☐ 2 weeks			Lab Sampling:
Project Name: San Bernardino	☐ 1 week			
Site: San Bernardino	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Total Suspended Solids (TSS) EPA 160.2	Oil and Grease (O&G) EPA 413.2	Nitrate + Nitrite EPA 300.0	Sample Specific Notes:
								x	x	x	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.10, dated 11/7/2016

Monitoring Implementation Plan Attachment 3: Field Meter Instructions

Monitoring Implementation Plan Attachment 4: Other Regulatory Documents

Section 6:
References

State Water Resources Control Board (2014). Order 2014-0057-DWQ, NPDES General Permit No. CAS000001: National Pollutant Discharges Elimination System (NPDES) California General Permit for Storm Water Discharge Associated with Industrial Activities. Available on-line at: http://www.waterboards.ca.gov/water_issues/programs/stormwater/industrial.shtml.

CASQA 2012, *Stormwater BMP Handbook Portal: Industrial Commercial*, August 2014, www.casqa.org

State Water Resources Control Board. (2010) 2010 Integrated Report (Clean Water Act Section 303(d) List/ 305(b) Report) – Statewide. Available on-line at: http://www.waterboards.ca.gov/water_issues/programs/tmdl/integrated2010.shtml

State Water Resources Control Board. (1995) 1995 Water Quality Control Plan for the Santa Ana River Basin (Region 8). Available on-line at: http://www.swrcb.ca.gov/santaana/water_issues/programs/basin_plan/

Appendix A: Site Map(s)

ESTILES | Dec 13, 2016 - 4:41PM | Dwg: San Bernardino | Layout: FIGURE 1 | Path: P:\Projects\Vulcan Materials Company\147161 - Vulcan IGP Support\CAD-ES\Figures\San Bernardino

CONCRETE RECYCLING STOCKPILE
LYTLE CREEK DYKE
(2) 24" PIPES OFFSITE RUN-ON
RAP
RAP
1
2
3
4
5
TO QUARRY (3 MILES)
HAUL ROAD
0 250 500
SCALE IN FEET
BASIN NETWORK 1
BONEYARD
INLET
LYTLE CREEK
GASOLINE STORAGE
POWER WASH
BONEYARD
AGGREGATE PLANT
PROCESS/STORM WATER RECYCLE TANK - TO SEDIMENTATION BASINS
SUMP W/PUMP TO RECYCLE TANK
Pipe
PUMP
Pipe
Pipe
MAINTENANCE SHOP
RAP
BASIN 3
DP-1
THIS AREA ACQUIRED BY CALTRANS FOR HIGHLAND AVENUE REALIGNMENT
SUMP W/ PUMP TO RECYCLE TANK
BASIN 2
HIGHLAND AVENUE
DIESEL FUEL ISLAND
WASTE OIL TANK
VEHICLE MAINTENANCE SHOP, OIL STORAGE
WASTE MATERIALS STORAGE AREA
SHOP/OFFICES
CONCRETE BATCH PLANT (NON-VULCAN OPERATION)
ENTRANCE/EXIT - RUMBLE GRATES
OFFICE/SCALE
ASPHALT COATINGS
GUARDTOP STORAGE TANK
PROPANE TANK
SUMP OVERFLOW

NOTES:

- UNPAVED/PERVIOUS SURFACES AS DELINEATED ON THE SITE MAP ARE POTENTIAL SOIL EROSION AREAS. ADDITIONALLY, STOCKPILE AREAS, ALSO DELINEATED ON THE SITE MAP, ARE POTENTIAL SOIL EROSION AREAS.
- FOR PURPOSES OF THIS SWPPP AND CONFORMANCE WITH THE PERMIT, THE ENTIRE FACILITY IS CONSIDERED A DUST GENERATING AREA. HOWEVER, THE FACILITY IMPLEMENTS BEST PRACTICES TO SUPPRESS DUST GENERATION, AND OPERATES IN CONFORMANCE WITH APPLICABLE AQMD RULES AND PERMIT CONDITIONS.
- AREAS DELINEATED AS AGGREGATE PLANT, ASPHALT BATCH PLANT, AGGREGATE STOCKPILES, AND ASPHALT RECYCLING STOCKPILES ARE CONSIDERED MATERIALS HANDLING AND PROCESSING AREAS.

EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- APPROXIMATE AREA OF ASPHALT BATCH PLANT
- APPROXIMATE AREA OF AGGREGATE PLANT
- APPROXIMATE AREA OF AGGREGATE STOCKPILES
- APPROXIMATE AREA OF CONCRETE RECYCLING
- APPROXIMATE NON-VULCAN FACILITY
- APPROXIMATE DRAINAGE AREA
- 1 DRAINAGE AREA (DA) NUMBER
- PROCESS WATER STORAGE BASIN
- SEDIMENTATION / DETENTION / BIORETENTION BASIN
- DIRECTION OF RUN-OFF FLOW
- DP-1 POTENTIAL DISCHARGE POINT
- FUEL SHUT OFF
- S SPILL KIT
- Pipe BURIED PIPING
- IMPERVIOUS AREA
- FENCE
- STOCKPILE

Brown AND Caldwell

Figure 1
SWPPP SITE MAP
SAN BERNARDINO - FIGURE 1
2400 WEST HIGHLAND AVENUE
SAN BERNARDINO, CA 92407

Appendix B: Permit Registration Documents

Permit Registration Documents included in this Appendix:

Y/N	Permit Registration Document
N - In SMARTS	Notice of Intent
N – In SMARTS	Certification
N – Have not received	Copy of Annual Fee Receipt
Y	Site Map(s), see Appendix A

Appendix C: Training Reporting Form

Trained Team Member Log

Stormwater Management Training Log and Documentation

Facility Name: San Bernardino

WDID #: 8 36I001928

Stormwater Management Topic: (check as appropriate)

- ☐ Good Housekeeping
- ☐ Spill and Leak Prevention and Response
- ☐ Erosion and Sediment Controls
- ☐ Advanced BMPs
- ☐ Stormwater Sampling and Analysis
- ☐ Preventative Maintenance
- ☐ Material Handling and Waste Management
- ☐ Quality Assurance and Record Keeping
- ☐ Visual Monitoring

Specific Training Objective: _____

Location: _____ Date: _____

Instructor: _____ Telephone: _____

Course Length (hours): _____

Attendee Roster (Attach additional forms if necessary)

Name	Company	Phone

As needed, add proof of external training (e.g., course completion certificates, credentials for QISP).

Appendix D: Responsible Parties

Authorization of Duly Authorized Representatives

Facility Name: San Bernardino

WDID #: 8 36I001928

Name of Personnel	Project Role	Company	Signature	Date
John Janke	Environmental Manager	Vulcan Materials Company		



LRP's Signature

June 2, 2015

Date

Cesar Aranda, Water Resources Manager

LRP Name and Title

(559) 434-1202

Telephone Number

Identification of QISP

Facility Name: San Bernardino

WDID #: 8 36I001928

The following are QISPs associated with this project

Name of Personnel[1]	Company	Date

[1] *If additional QISPs are required, add additional lines and include information here*

Appendix E: SWPPP Amendment Certifications

- NA

Appendix F: Calculations

- NA

Appendix G: BMP Fact Sheets

- Fact Sheets located in SWPPP at the facility

Appendix H: BMP Implementation Log

Table H.1: BMP Implementation Log

Industrial Activity/Material and Location	BMP Description	Implementation Frequency	Implementation Description or Fact Sheet Reference	Person Responsible for Implementing BMP

Appendix I: Industrial General Permit

- Copy of IGP is located in the SWPPP at the facility

LEIGHTON and ASSOCIATES
INCORPORATED
•SOIL ENGINEERING •GEOLOGY •GEOPHYSICS •GROUND WATER •MATERIALS TESTING •HAZARDOUS WASTE ASSESSMENT

REVISED REPORT OF SOIL CONTAMINATION INVESTIGATION ASSOCIATED WITH THE REMOVAL OF 6 UNDERGROUND STORAGE TANKS AT THE CALMAT FACILITY 2400 HIGHLAND AVENUE SAN BERNARDINO, CALIFORNIA

June 12, 1987

Project No. 40870214-01

Prepared for:

CALMAT COMPANY
9300 Flair Drive
El Monte, California 91773

Attention: Messrs. Jay Grady and John Bennett

1989 ATLANTA AVENUE, SUITE 1, RIVERSIDE, CALIFORNIA 92507
(714) 788-5800
TELEX 249208 LAGEO UR
REGIONAL OFFICES SERVING THE COUNTIES OF: ORANGE, LOS ANGELES, VENTURA, SAN DIEGO, RIVERSIDE/SAN BERNARDINO AND THE COACHELLA AND SANTA CLARITA VALLEY AREAS.

LEIGHTON and ASSOCIATES
INCORPORATED
•SOIL ENGINEERING •GEOLOGY •GEOPHYSICS •GROUND WATER •MATERIALS TESTING •HAZARDOUS WASTE ASSESSMENT

June 12, 1987

Project No. 40870214-01

TO: CalMat Company
9300 Flair Drive
El Monte, California 91773

ATTENTION: Messrs. Jay Grady and John Bennett

SUBJECT: Revised Report of Soil Contamination Investigation Associated with the Removal of 6 Underground Storage Tanks at the CalMat Facility, 2400 Highland Avenue, San Bernardino, California

Leighton and Associates, Inc. is pleased to present this Revised Report concerning the soil contamination identified at the subject site in San Bernardino, California.

Results of this study indicate that some elevated levels of petroleum contamination were identified in the soils at the site, and that these contaminated soils have been removed and stockpiled. We recommend that these stockpiled soils be aerated where effective, and the waste oil contaminated soils be treated or disposed of as a hazardous material. Should the CalMat Company wish to use these soils as an asphalt road base material, a variance from the Department of Health Services must be obtained.

1989 ATLANTA AVENUE, SUITE 1, RIVERSIDE, CALIFORNIA 92507
(714) 788-5800
TELEX 249208 LAGEO UR
REGIONAL OFFICES SERVING THE COUNTIES OF: ORANGE, LOS ANGELES, VENTURA, SAN DIEGO, RIVERSIDE/SAN BERNARDINO AND THE COACHELLA AND SANTA CLARITA VALLEY AREAS.

Leighton and Associates, Inc. appreciates this opportunity to be of continued service to the CalMat Company. If you have any questions regarding this report, please contact Mr. Paul Fairbanks at 714/788-5800.

Respectfully submitted,

LEIGHTON AND ASSOCIATES, INC.

Paul Fairbanks
Senior Staff Hydrogeologist

Thomas E. Mills
Director, Environmental Services

S. A. Siddiqui, RCE 19915
Chief Geotechnical Engineer/Manager

SGS/PF/TM/SAS/jh

Distribution: (3) Addressee
(2) Department of Environmental Health Services
385 North Arrowhead Avenue
San Bernardino, California 92415-0160
Attn: Ms. Donna Ruch

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1.0 INTRODUCTION

In accordance with your request and authorization, Leighton and Associates, Inc. has conducted this investigation of soil contamination associated with the removal of 6 underground storage tanks at the subject site on February 17, 1987. The purpose of this investigation was to collect and chemically analyze soil samples collected from beneath the removed underground storage tanks as required by Division 8, Title 3 of the San Bernardino County Code and the California Health and Safety Code, Chart 6.7, Section 25280, et. seq.

40870214-01

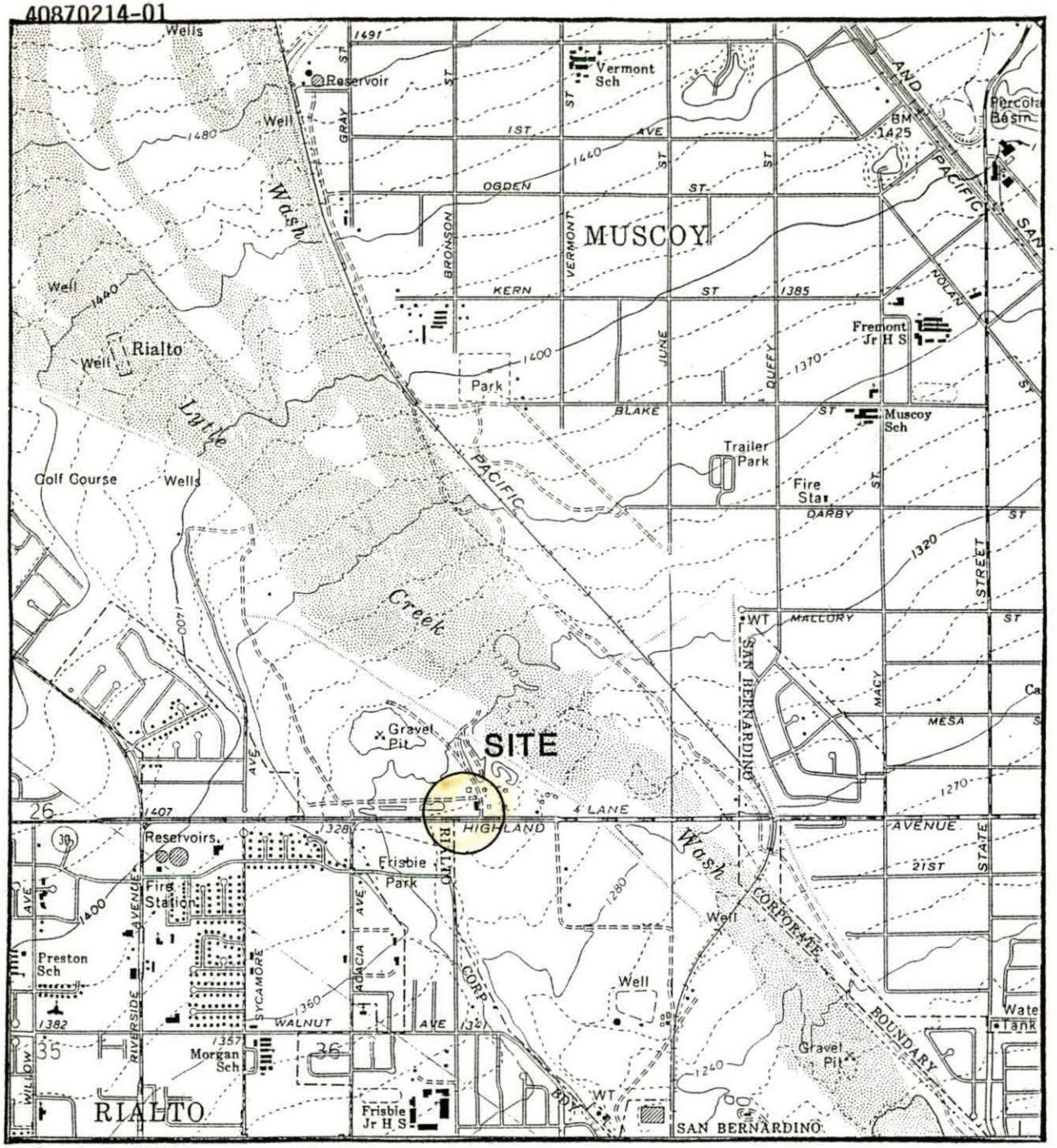


Figure 1

INDEX MAP

OF

CALMAT COMPANY PROCESSING PLANT

2400 HIGHLAND AVENUE

SAN BERNARDINO, CALIFORNIA

Base Map: USGS San Bernardino North Quadrangle (Photo Revised 1980)

LEIGHTON and ASSOCIATES
INCORPORATED

2.0 SITE DESCRIPTION

The subject site is located in the San Bernardino Valley, within the banks of Lytle Creek Wash, a tributary of the Upper Santa Ana River. Structures located onsite include a truck weigh scale, office, vehicle maintenance building and a sand and gravel separator. To the east of the site is an asphalt plant, and to the north are gravel pits operated by the CalMat Company and the largely vacant area of the Lytle Creek Wash. To the south is the continuation of the Lytle Creek Wash and several residential structures, and to the west approximately one-half mile is a residential community (Rialto) built on the scarp defining the western edge of the Lytle Creek Wash river channel. Elevation of the site is approximately 1,315 feet above sea level and the site slopes gently to the south, southeast.

The following table (Table 1) lists the tanks removed during the course of this investigation. See Plate 1 for the location of the removed tanks.

TABLE 1

Underground Storage Tanks Removed on February 17 and 26, 1987

Tank No.	Date Removed	Size (Gallons)	Construction	Contents
T-1	2-17-87	1,000	Steel	Diesel
T-2	2-17-87	7,500	Steel	Gasoline
T-3	2-17-87	8,000	Steel	Fresh Oil
T-4	2-17-87	1,000	Steel	Waste Oil
T-5	2-17-87	4,000	Steel	Fresh Oil
T-6	2-26-87	1,000	Steel	Unknown

Note: Tanks T-5 and T-6 were not known to exist prior to date of removal.

It is Leighton and Associates, Inc. understanding that the subject tank facilities were used for refueling and light maintenance of heavy vehicles used in the operations onsite. It is further our understanding that CalMat Company intends to replace the existing tanks with new tanks of double wall construction, in compliance with the pertinent San Bernardino County and State of California regulations.

3.0 FIELD INVESTIGATION

3.1 Tank and Soil Removal

On February 17, 1987, 5 underground storage tanks (T-1 through T-5) were removed under the supervision of Ms. Donna Ruch of the San Bernardino County Department of Environmental Health Services (SBC-DEHS). The tanks were emptied of their contents and triple rinsed to render the tanks nonhazardous, and dry ice was placed inside each tank to displace any vapors present in the tanks, prior to removing the tanks from the ground. All tanks were inspected by Ms. Ruch prior to placement of the tanks on trailers for transportation offsite. Ms. Ruch noted that tanks T-1, T-2, T-3 and T-5 were intact. One hole was visible in the center of the western end of Tank T-4, the waste oil tank. Stained soil was identified adjacent to the location of the hole in Tank T-4. All tanks were transported offsite under the supervision of Ms. Jean Merz of Petroleum Facilities Construction Company (PFC).

The first set of soil samples were collected on February 17, 1987 (see Table 2). Samples were collected from beneath each end of Tanks T-1, T-2, T-3 and T-6. Due to the small size of Tanks T-4 and T-5, only one soil sample was collected from beneath these tanks. All soil samples except those from Tank T-4 were collected from approximately 1 foot beneath the bottom of the removed tanks. The soil samples from the area of Tank T-4 were collected adjacent to the west side of the tank where soil discoloration was observed. One soil sample was also collected from the eastern side wall of the Tank T-1 excavation. Soil sample locations are found in Plate 1.

Based on observations of soil contamination conditions around Tank T-4, soil removal operations were continued on the west side of the Tank T-4 excavation to a depth of 12 feet. Following the excavation of this additional soil, one soil sample was collected from the bottom of the deepened excavation to document that the contaminated soil was removed. All soil samples were collected using Standard EPA procedures as described in Appendix A, placed in an ice-cooled container and transported the following day to Associated Laboratories in Orange, California for analysis by EPA Method 418.1 for total petroleum hydrocarbons (TPH). Associated Laboratories is a California Department of Health Services (DOHS) certified laboratory.

On February 20, 1987, additional soil was removed from the Tank T-1 excavation to a depth of approximately 20 to 22 feet below grade, and from the Tank T-4 excavation to a depth of approximately 15 feet below grade. This soil was removed based upon the elevated levels of TPH in samples from both of these sample locations in the first set of soil samples. Following soil removal, a second set of soil samples were collected from the bottom of the enlarged excavations by a representative of Leighton and Associates, Inc. (see Table 2 and Plate 1). These samples were placed in an ice-cooled

container and transported on the same day to Associated Laboratories for analysis by EPA Method 418.1 for TPH.

On February 26, 1987 Tank T-6 was discovered during the excavation enlargement prior to installation of the replacement tanks. This tank was punctured when it was discovered and released an unknown quantity of an unknown fluid into the adjacent soil. This tank was triple rinsed to render it nonhazardous, removed under the supervision of Ms. Ruch from the SBC-DEHS, placed on a trailer, and transported offsite for proper disposal, under the supervision of the Petroleum Facilities Construction Company.

TABLE 2

Soil Samples Collected During Course of Investigation

Sample Set No.	Location Tank	Location Sample	Depth (Feet Below Grade)	Test Results (EPA 418.1)(mg/kg)	Date Collected
1	T-1	S-1	10	3,185	2/17/87
1	T-1	S-2	10	18	2/17/87
1	T-1	S-5	6	3,640	2/17/87
1	T-2	S-3	10	ND	2/17/87
1	T-2	S-4	10	ND	2/17/87
1	T-3	S-6	10	16	2/17/87
1	T-3	S-7	10	23	2/17/87
1	T-4	S-8	7	49,800	2/17/87
1	T-4	S-10	12	950	2/17/87
1	T-5	S-9	9	59	2/17/87
2	T-1	S-1	22	96	2/20/87
2	T-1	S-5	20	38	2/20/87
2	T-4	S-8	15	43	2/20/87
3	T-6	S-11	8*	88	2/26/87
3	T-6	S-12	8	ND	2/26/87
3	T-6	S-13	12	148	2/26/87
	Stockpile				
4	1	SS-1 & 2		19	2/26/87
4	2 & 3	SS-3, 4 & 5		280	2/26/87
4	3	SS-6 & 7		980	2/26/87
4	4 & 5	SS-8, 9 & 10		145	2/26/87
4	5	SS-11, 12 & 13		420	2/26/87
4	6	SS-14, 15, 16 & 17		190	2/26/87

418.1 EPA Method No. 418.1
* This sample also analyzed by EPA Methods 8010 and 8015 and for the 17 CAM heavy metals
ND None Detected, less than 10mg/kg

A third set of soil samples were collected after removal of Tank T-6 (see Table 2 and Plate 1). One soil sample was collected from beneath each end of Tank T-6 from a depth of 1 foot below the bottom of the tank, as directed by Ms. Ruch. Additional soil was then removed to enlarge the excavation for the installation of the replacement tanks, and one soil sample was collected from the bottom of the enlarged excavation. All samples were placed in an ice-cooled container and transported on February 27, 1987 to Associated Laboratories for analysis. Two soil samples were analyzed for TPH by EPA Method 418.1. Due to the unknown nature of the released material from tank T-6, the SBC-DEHS required that one soil sample be analyzed for TPH (EPA Methods 418.1 and 8015 modified for gasoline), purgeable halocarbons (EPA Method 8010) and the 17 CAM heavy metals.

According to Mr. Jay Grady of the CalMat Company, stained soil observed beneath the cement floor of the truck maintenance facility adjacent to the oil drain line was removed to a depth of 10 feet below grade (see Plate 2) with the use of a grade-all on approximately February 26, 1987. No samples were collected from this location due to the unstable soil conditions and the instability of the truck maintenance structure.

3.2 Sampling of Stockpiled Soils

On February 26, 1987 a fourth set of soil samples were collected at discrete locations from the stockpiled soil removed from the excavations (see Table 2 and Plate 2). Samples were collected using the procedures in Appendix A and were placed in an ice-cooled container and transported on February 27, 1987 to Associated Laboratories for analysis. Samples were composited into 6 groups at the request of Ms. Ruch of the SBC-DEHS and analyzed for TPH (EPA Method 418.1).

3.3 Tank Installation and Stockpile Transport

Following receipt of the laboratory results on approximately March 9, 1987, Ms. Ruch of the SBC-DEHS gave verbal permission for the installation of the new underground storage tanks into the excavations of the old underground storage tanks. The new tanks were installed in the excavations of the old tanks under the supervision of Ms. Jean Merz of PFC.

It is our understanding that CalMat Company has moved and re-stockpiled the stockpiled soil in the northwest corner of the property.

4.0 FINDINGS

4.1 Geology and Hydrology

The site is situated in the Lytle Basin on the southern flank of the San Gabriel Mountains. This site is ½ mile northeast of the San Jacinto fault zone. The ground water is divided into several sub-basins within this basin, separated by ground water barriers believed to be related to the San Jacinto fault.

The soils in the vicinity of the site are composed of recent to Quaternary age alluvial river channel and fan deposits, to a depth of over 800 feet. These soils are derived from unweathered to poorly weathered crystalline material from the San Gabriel Mountains. Soils encountered onsite consisted primarily of gravels and sand, with some silts and clays.

Ground water flows to the southeast and is strongly affected by the San Jacinto fault and the ground water barriers discussed above (Reference 2). Ground water depths in the site vicinity range between 21.0 and 100.5 feet below grade (see Table 3). Recent depth to ground water measurements could not be obtained from the local water agencies for wells in the ground water sub-basin in which the site is located. However, Mr. Bill Freels, Public Utilities Division Chief for the City of Rialto's Public Works Department, estimated the depth to ground water at the site to be approximately 90 feet.

TABLE 3

Ground Water Levels

Well No.*	Depth to Ground Water (Feet Below Grade)	Year Measured
66 01N/05W-26A03	21.0	1979
71 01N/05W-25E01	22.0	1979
88 01N/05W-36H04	44.0	1979
89 01N/04W-31E01	100.5	1975

*State Well Number

4.2 Soil Quality

4.2.1 First Set of Soil Samples

On February 17, 1987, a Leighton and Associates, Inc. representative visited the site to collect the first set of soil samples and observe the condition of the soil beneath the tank locations. Soils were inspected in the field for evidence of contamination and as a result several discrete soil samples were collected for laboratory analysis.

Field observations made during the initial soil removal on February 17, 1987, indicated that the potential for contamination exists in the following locations:

1. The excavation for Tank T-1 contained a faint petroleum odor of indistinct origin.

2. An approximately 5 foot diameter portion of the eastern side wall of the Tank T-1 excavation was visibly discolored. A sample of this material was collected (S-5).

3. Soil beneath the concrete slab of the refueling pad was visibly discolored to a depth of about 5 feet around the waste oil drain line on the east side of the truck maintenance facility. Mr. Jay Grady of the CalMat Company observed the stained soil and agreed to treat the material as contaminated. No sample was collected due to lack of safe access to the material. Mr. Grady has subsequently reported that this material has been removed and placed with the rest of the stockpiled soil.

4. The soil adjacent to the western end of Tank T-4, the waste oil storage tank, was stained with dark oil leaking from a hole in the center of the western end of the tank.

The results of the laboratory analysis for TPH for all the soil samples are displayed in Table 2. These results indicate that elevated levels of petroleum contamination is present in samples S-1 at 10 feet, and S-5 at 6 feet under Tank T-1, and in S-8 at 7 feet and S-10 at 12 feet under Tank T-4. The other TPH concentration levels ranged from nondetected to 59mg/kg.

4.2.2 Second Set of Soil Samples

Based on the results of the analysis of samples collected on February 17, 1987 and visual indications of soil contamination in the excavation, a second soil removal phase was initiated in the excavations formerly occupied by Tanks T-1 and T-4. Soil was removed until no field detectible evidence of contamination was

present in the excavations. A second set of soil samples were collected from the bottom of the excavations below the areas which exhibited the elevated TPH levels in the first set of soil samples. These were chemically analyzed to document the removal of the elevated TPH contaminated soil. The results of these analyses are displayed in Table 2 and indicate that TPH levels range from 38 to 46mg/kg.

4.2.3 Third Set of Soil Samples

On February 26, 1987 additional soil was removed to prepare the excavations for the installation of the new double-walled tanks. Tank T-6 was discovered during that soil removal process. Following the removal of soil, the third set of soil samples was collected from the soil beneath Tank T-6. The analytical results of these analyses are presented in Tables 2 and 4. The TPH results ranged from nondetected to 14mg/kg. The CAM metal concentration levels were all below the allowable TTLC levels. The analysis for halogenated volatile organics indicated that no compounds were detected in Sample S-11 from 8 feet below grade.

4.4.4 Fourth Set of Soil Samples

A fourth set of soil samples were collected in discrete locations from the stockpiled soil on February 26, 1987 (see Plate 2 for sample locations, Table 2 for results). These samples were collected and analyzed to document the level of contamination present so that a determination could be made with regard to proper disposal of the stockpiled material. These samples were tested for TPH (EPA Method 418.1). The test results range from 19 to 980mg/kg and indicated that all stockpiles are contaminated with TPH to some degree.

TABLE 4

Analytical Results of Sample S-11 for EPA Methods 8010, 8015 on the 17 CAM Heavy Metals

	Allowable TTLC mg/kg	Test Results mg/kg	Allowable STLC mg/l
Antimony, Sb	500	10.1	15
Arsenic, As	500	3.18	5
Barium, Ba	10,000	28.6	100
Beryllium, Be	75	ND .5	0.75
Cadmium, Cd	100	ND .3	1
Chromium, Cr	500	ND 1.0	5
Chromium Total	2,500	8.76	560
Cobalt, Co	8,000	4.23	80
Copper, Cu	2,500	10.7	25
Fluoride, F	18,000	.54	180
Lead, Pb	1,000	3.27	5.0
Mercury, Hg	20	.08	0.2
Molybdenum, Mo	3,500	5.34	350
Nickel, Ni	2,000	8.69	20
Selenium, Se	100	ND .1	1.0
Silver, Ag	500	ND 3.0	5
Thallium, Tl	700	ND .1	7.0
Vanadium, V	2,400	17.7	24
Zinc, Zn	5,000	25.6	250

EPA Method 8010 - ND
EPA Method 8015 - ND

ND None detected. Less than 10mg/kg for Method 8015, see Laboratory Report in Appendix C for Listing of Compounds and Detection Limits for Method 8010.

TTLC Total Threshold Limit Concentration (Level of Hazardous Material)

STLC Soluble Threshold Limit Concentration (Level of More Tests Needed to Determine Concentration in Leachate)

5.0 SUMMARY OF FINDINGS AND CONCLUSIONS

Based upon the results of this investigation, the following is a summary of our findings and conclusions:

1. Soils encountered during the investigation were composed of alluvial deposits composed primarily of sands and gravels.

2. Ground water is estimated to be approximately 90 feet below grade at the site.

3. Elevated levels of soil contamination were present in the soil adjacent to Tank T-1. Based on the location of the contamination in the sidewall of the excavation, and on the fact that the tank appeared to be intact when it was removed, the source was likely the result of spillage during the tank refilling process over the years the tank was in service.

4. Elevated levels of soil contamination were present in the soil on the west end of Tank T-4. The contaminating material was released through a hole in the side of Tank T-4 and consisted of used waste oil.

5. Following removal of contaminated soil from the excavation for Tank T-1 to a depth of 22 feet (approximately 10 cubic yards) and from the excavation for Tank T-4 to a depth of 15 feet (approximately 5 cubic yards) laboratory analysis of samples S-1, S-5 and S-8 from the second set of soil samples displayed trace levels of TPH in the soil remaining in place, indicating that the elevated TPH contaminated soil was removed.

6. Laboratory analysis of the third set of soil samples collected from the area of Tank T-6 displayed trace to low levels of TPH. The content of the liquid in the tank is not known, but is is believed that the contents of the tank may have been rain water or wash water entering the tank through a drain connection previously thought to have been hooked up to the sewer system or storm drain system.

7. Laboratory analysis of soil samples from the 6 stockpiles located onsite indicated that all stockpiles contained TPH, with levels ranging from 19 to 980mg/kg. Approximately 500 cubic yards of material was removed from the excavations during the course of the tank removal process, the contamination removal process and the process of enlarging the excavation in preparation for installing the new tanks.

It is Leighton and Associates, Inc. understanding that the truck maintenance facility was refurbished and that new double-walled underground storage tanks were installed in the excavation of the former tanks, in compliance with pertinent state and county regulations. We further understand that all stockpiled material has been removed to the northwest corner of the property and re-stockpiled.

6.0 RECOMMENDATIONS

Based on our findings, conclusions and subsequent work completed at the site, we recommend the following:

1. The stockpiled material presently located in the northwest side of the property may be treated in one of three ways.

   A. The material can be spread to a maximum depth of 1 foot and be allowed to aerate. Following 2 months of aeration, additional soil samples should be collected and analyzed for TPH by EPA Method 418.1. If the soils have trace levels of TPH, the SBC-DEHS should allow the use of these soils as an onsite fill material. If the soils exhibit moderate levels of TPH, further aeration and testing will be necessary. Soils contaminated with waste oil as found at this site is highly unlikely to aerate effectively. Soils contaminated with waste oil should be kept separate from the rest of the soils.

   B. Chemical or biological degradation of the petroleum contaminants may be an efficient and cost effective method for treating large volumes of highly contaminated soils.

   C. The contaminated soils may be handled and disposed of as a hazardous material. However, should CalMat Company decide to utilize the subject contaminated soil through dry processing and mixing with asphalt road base materials, a Department of Health Services (DOHS) variance would be required.

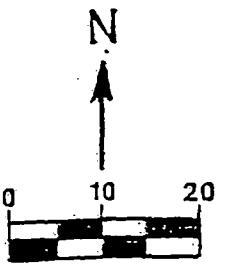
2. Based upon the SBC-DEHS approval to install the new tanks, no further in-situ soil sampling, testing or soil removal is necessary.

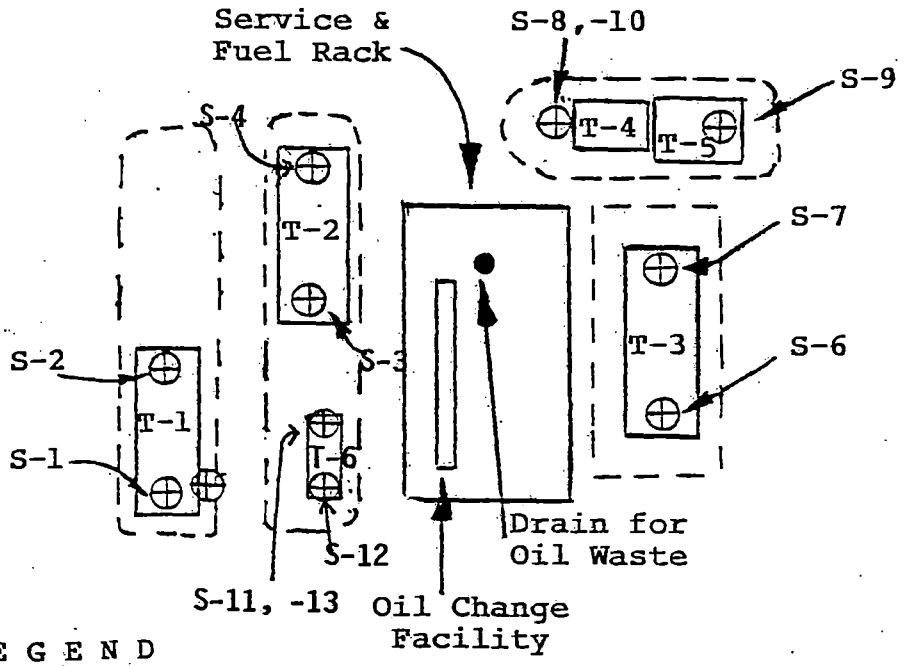
CALMAT

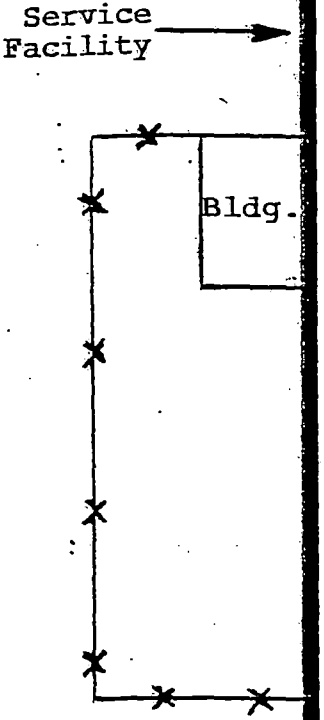
2400 West Highland Avenue

San Bernardino, California

(Project No. 40870214-01)







L E G E N D

Extent of Excavation

Sample Locations

Location of Tank, now removed

T-1 Diesel

T-2 Gasoline

T-3 Fresh Oil

T-4 Waste Oil

T-5 Fresh Oil

Plate 1. PLOT PLAN WITH SAMPLE LOCATIONS

Proj: 40870214-01	Scale: 1"=20'	Date: 6-9-87
Engineer/Geologist: SAS/PE	Drafting By: aj/SGS	

LEIGHTON and ASSOCIATES, INC.

CALMAT

2400 West Highland Avenue

San Bernardino, California

(Project No. 40870214-01)

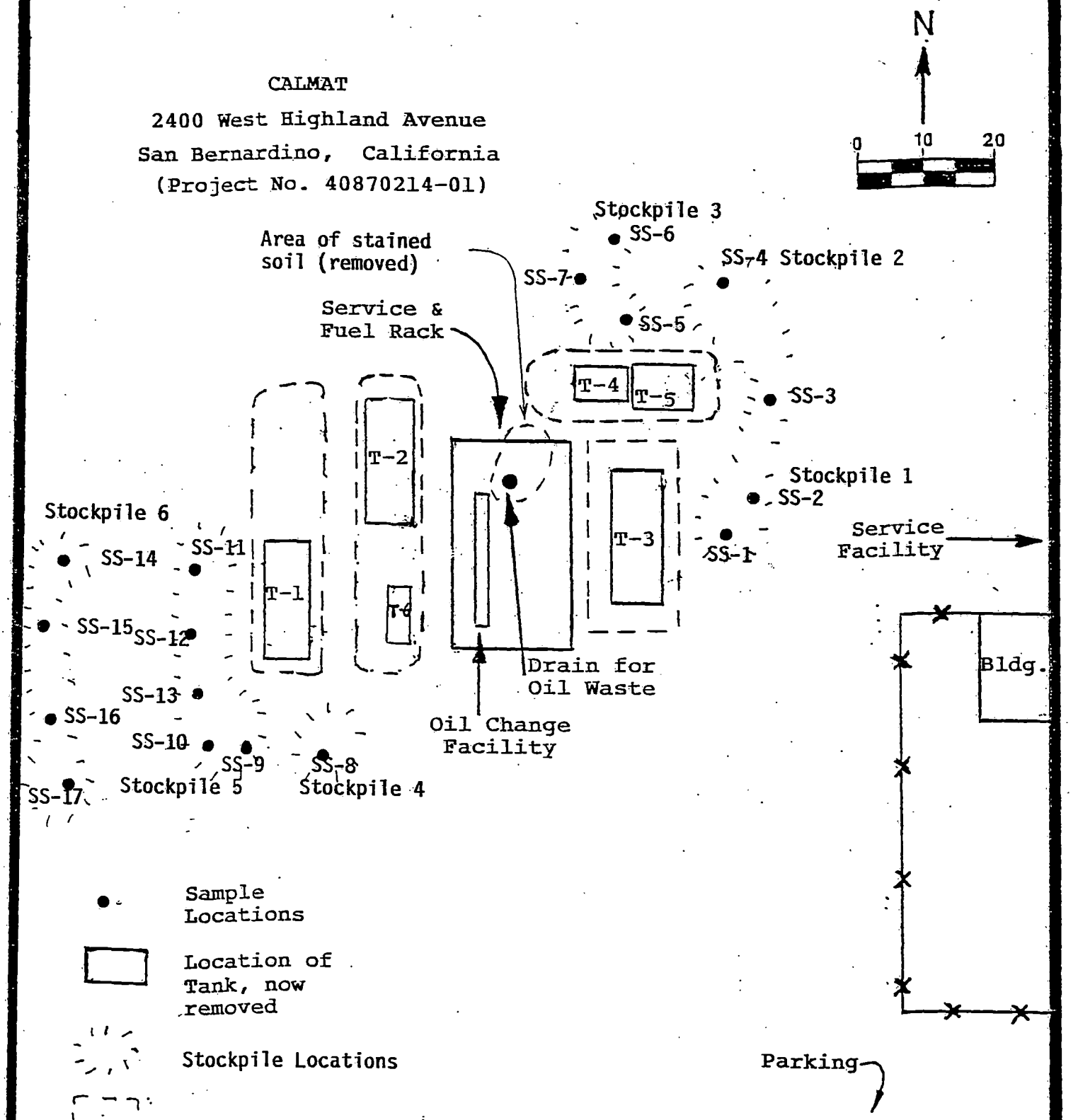


Plate 2. Stockpile Locations

Proj: 40870214-01	Scale: 1"=20'	Date: 6-9-87
Engineer/Geologist: SAS/PF	Drafting By: aj/SGS	

LEIGHTON and ASSOCIATES, INC.

APPENDIX A

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APPENDIX A

Field Procedures

Soil Sample Collection Procedures

Soil samples were collected using the following procedure. Within the excavations, soil samples were obtained at a depth of approximately 1 foot below the former position of the bottom of the tank. The material to be sampled was excavated and packed into a 2.5 inch diameter, 3 inch long brass cylinder. Additional soil from the sample location was then packed into the sample ring to reduce the pore volume and limit the loss of volatile constituents. Both ends of the brass cylinder were covered with Teflon tape, sealed with PVC caps and electrical tape and placed in an ice-cooled container. All samples were manifested on a Chain-of-Custody form and transported in an ice-cooled container to a DOHS certified laboratory for chemical analysis. Samples were stored in a refrigerator overnight when the samples could not be delivered to the laboratory on the same day they were collected.

APPENDIX B

LEIGHTON and ASSOCIATES
INCORPORATED

APPENDIX B

REFERENCES

1. Geological Survey Water Supply Paper 1419, Geologic and Hydrologic Features of the San Bernardino Area, California, With Special Reference to Underflow Across the San Jacinto Fault, United States Printing Office, Washington D.C., dated 1963.

2. Carson, Scott E., and Matti, Jonathan C., 1985, Contour Map Showing Minimum Depth to Ground Water, Upper Santa Ana River Valley, California, 1973-1979, USGS Miscellaneous Field Study Map, MF-1802, dated 1985.

APPENDIX C

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INCORPORATED

APPENDIX C

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LEIGHTON & ASSOC.

RECEIVED
FEB 23 1987
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ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900

CLIENT
LEIGHTON & ASSOCIATES
1989 Atlanta
Riverside, CA 92507
Attn: Paul Fairbanks

LAB NO. F30616
REPORTED 2/20/87

SAMPLE Soil
RECEIVED 2/18/87

IDENTIFICATION Cal Mat/San Bernardino
Project #40870214-01

BASED ON SAMPLE As Submitted

	DEPTH (FEET BELOW GRADE)	TOTAL HYDROCARBONS (418.1) (mg/kg)
T-1, S-1	10	3,185
T-1, S-2	10	18
T-2, S-3	6	ND<10
T-2, S-4	10	ND<10
T-1, S-5	10	3,640
T-3, S-6	10	16
T-3, S-7	10	23
T-4, S-8	12	49,800
T-5, S-9	7	59
T-4, S-10	9	950

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Edward S. Behare, Ph.D.

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CLIENT
LEIGHTON & ASSOCIATES
1989 Atlanta
Riverside, CA 92507
Attn: Paul Fairbanks

LAB NO. F30714
REPORTED 2/24/87

SAMPLE Soil
RECEIVED 2/20/87

IDENTIFICATION Calmat - San Bernardino
Project #40870214-01
BASED ON SAMPLE As Submitted

	DEPTH (FEET BELOW GRADE)	TOTAL HYDROCARBONS (418.1) (mg/kg)
S-1	22	46
S-5	20	38
S-8	15	43

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cc: Calmat Company

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CLIENT
LEIGHTON & ASSOCIATES
1989 Atlanta
Riverside, CA 92507
Attn: Paul Fairbanks

LAB NO. F30938-1

REPORTED 3/12/87

SAMPLE Soil

RECEIVED 2/27/87

IDENTIFICATION Cal Mat/San Bernardino
Project #40870214-01

BASED ON SAMPLE As Submitted

	DEPTH (FEET BELOW GRADE)	TOTAL HYDROCARBONS (418.1) (mg/kg)
T-6, S- 11	8	88
T-6, S- 12	8	ND<10
T-6, S- 13	12	148

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Edward S. Behare, Ph.D.

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NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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MAR 17 1987
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CLIENT
LEIGHTON & ASSOCIATES
1989 Atlanta
Riverside, CA 92507
Attn: Paul Fairbanks

LAB NO. F30938-2

REPORTED 3/12/87

SAMPLE Soil

RECEIVED 2/27/87

IDENTIFICATION Cal Mat/San Bernardino
Project #40870214-01, T-6, S-11

BASED ON SAMPLE As Submitted

CAM INORGANICS

Antimony	10.1	mg/kg
Arsenic	3.18	mg/kg
Barium	28.6	mg/kg
Beryllium	ND< 0.5	mg/kg
Cadmium	ND< 0.3	mg/kg
Chromium, Hexavalent	ND< 1	mg/kg
Chromium, Total	8.70	mg/kg
Cobalt	4.23	mg/kg
Copper	10.7	mg/kg
Fluoride	0.54	mg/kg
Lead	3.27	mg/kg
Mercury	0.08	mg/kg
Molybdenum	5.34	mg/kg
Nickel	8.69	mg/kg
Selenium	ND< 0.1	mg/kg
Silver	ND< 3	mg/kg
Thallium	ND< 0.1	mg/kg
Vanadium	17.7	mg/kg
Zinc	25.6	mg/kg

Total Hydrocarbons (8015)	ND<10	mg/kg

Cont. on Page 2

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1 10M

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MAR 17

Client: Leighton & Associates
Lab No.: F30938-2
Date: March 12, 1987

EPA METHOD 8010

All compounds were None Detected.
See attached list.

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Edward S. Behare, Ph.D.

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NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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OF

RECEIVED
MAR 05 1987
LEIGHTON & ASSOC.-R

CLIENT
Leighton & Associates
1989 Atlanta Ave.
Riverside, CA 92507
Attn: Paul Fairbanks

LAB NO. F30940
REPORTED 3/04/87

SAMPLE Soil
RECEIVED 2/27/87
IDENTIFICATION Cal Mat/San Bern. Proj. 40870214-01
BASED ON SAMPLE As Submitted

	TOTAL HYDROCARBONS (418.1) (mg/kg)
Composite of SS-1 & SS-2	19
Composite of SS-3, 4 & 5	280
Composite of SS-6 & 7	980
Composite of SS-8, 9 & 10	145
Composite of SS-11, 12 & 13	420
Composite of SS-14, 15, 16 & 17	190

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Environmental •

(Fast →) 24 hr. Priority

Project No.	Client and Site Location
4087014-01	Cal MaT / San Bern

Samplers (Signature): Scott Thomas

EPA Test Method No.: 418.1

Call & Send Results to:
Leighton & Associates, Inc.
1909 Atlanta Ave,
Riverside, CA. 92507
Attention: Paul Fairbanks
Phone No (714) 788-5580

Sample Number	Date	Time	Depth Below Grade (ft)	Sample Type	Suspect Contamination	No. of Containers	REMARKS
T-1 S-1-1'	2-17-87	Noon	10'	Soil	Diesel	one	
T-1 S-2-1'			10'		"		
T-2 S-3-1'			10'		Gasoline		
T-2 S-4-1'			10'		"		
T-1 S-5-6'			6'		Diesel		
T-3 S-6-1'			10'		Oil		
T-3 S-7-1'			10'		"		
T-4 S-8-1'			1'				
T-5 S-9-1'			9'				
T-4 S-10-1'			12'				

24 hr. Priority

Sample Integrity:

Samples Intact: Yes ✓ No ____

Samples Properly Cooled: Yes ✓ No ____

Samples Accepted: Yes ✓ No ____

If not, why: ____

Samples Placed in Lab Refrigerator
Yes ____ No ____ L&A Rep. Initials SGS

Relinquished by:	Date / Time	Received by:
Scott Thomas	2-18-87 / 2130pm	C. Walker
Relinquished by:	Date / Time	Received by:
	/	
Relinquished by:	Date / Time	Received for Lab by:
	/	

Leighton and Associates, Inc.

Laboratory Name: ____

Certification No.: ____

C - vii

Project No.	Client and Site Location
40810214-01	CALMAT - SAN BERNARDINO

Samplers (Signature): PEF P.E. FAIRBANKS

Sample Number	Date	Time	Depth Below Grade (Ft)	Sample Type	Suspect Contamination	No. of Containers	EPA Test Method No. 418.1 EPA
S-1	2-20	1:00pm	22	SOIL	DETROL	1	✓
S-5	"	"	20	"	"	1	✓
S-8	"	"	15	"	"	1	✓

Call & Send Results to:
Leighton & Associates, Inc.
1989 ATLANTA AVE. SUITE I
RIVERSIDE, CA 92507
Attention: P.E. FAIRBANKS
Phone No. 714-788-5800

REMARKS

RUSH
24 HR. PRIORITY

COPIES TO: CALMAT CO
4702 AZUSA CANYN RD
IRWINDALE, CA 91706

C - VIII

Sample Integrity:

Samples Intact: Yes ✓ No ____

Samples Properly Cooled: Yes ✓ No ____

Samples Accepted: Yes ✓ No ____

If not, why: ____

Samples Placed In Lab Refrigerator

Yes ✓ No ____ L&A Rep. Initials ____

Relinquished by:	Date / Time	Received by:
PEF	2-20 / 2:30 pm	James Chang
James Chang	2/20 / 5:30	[illegible]
	Date / Time	Received for Lab by:

Leighton and Associates, Inc.

Laboratory Name: ASSOCIATED LABS

Certification No.: ____

24hr Rush (Highest Priority)

Project No.	Client and Site Location
40870214-01	Cal Mat / SanBern

Samplers (Signature): Kurt Thomas

Sample Number	Date	Time	Depth Below Grade (ft)	Sample Type	Suspect Contamination	No. of Containers
T-6 S-1	2-26-07	13:30	8'	Soil	Gas or Diesel	1
T-6 S-2	↓	↓	8'	↓	↓	1
T-6 S-3	↓	↓	12'	↓	↓	1

EPA Test Method No.

418.1	8015 modified	8010	CAM Metals
X	X	X	X
X			
X			

Call & Send Results to:
Leighton & Associates, Inc.
1989 Atlanta Ave
Riverside, CA. 92507
Attention: Paul Fairbanks
Phone No. (714) 788-5800

REMARKS

** Contaminants not known.

Please send a copy of results to:
CalMat
4702 Azuza Canyon Rd
Irwindale, CA 91706
ATTN: Mr. Frank Petronzio

Sample Integrity:
Samples Intact: Yes — No —
Samples Properly Cooled: Yes — No —
Samples Accepted: Yes — No —
If not, why:

Samples Placed in Lab Refrigerator
Yes — No — L&A Rep. Initials — SGS

Relinquished by:	Date / Time	Received by:
Kurt Thomas	2-27-07 / 10:4	[signature]
Relinquished by:	Date / Time	Received by:
Relinquished by:	Date / Time	Received for Lab by:

Leighton and Associates, Inc.

Laboratory Name:

Certification No.:

Page 1 of 2

RUSH 24 hr. Priority

Project No.	Client and Site Location
40870214-01	CalMat / San Bernadino

Samplers (Signature): Scott Thomas

Sample Number	Date	Time	Depth Below Grade (ft)	Sample Type	Suspect Contamination	No. of Containers	EPA Test Method No. (418.1)
SS-1	2-26-87	4pm	one	Soil	Oil		F
SS-2							F
SS-3							A
SS-4							A
SS-5							A
SS-6							B
SS-7					↓		B
SS-8					Diesel?		C
SS-9							C
SS-10							C
SS-11							D
SS-12							D
SS-13	↓	↓	↓	↓	↓		D

F: Run as one composite
A: Run as one composite
B: Run as one composite
C: Run as one composite
D: Run as one composite

See Next Page

Call & Send Results to:
Leighton & Associates, Inc.
1989 Atlanta Ave
Riverside, CA 92507
Attention: Paul Fairbanks
Phone No. (714) 788-5800

REMARKS

Please send copy of results to client @-
CALMAT
4702 Azusa Canyon Rd.
Irwindale, CA 91706
ATTN: Mr. Frank PeTronzio

Sample Integrity:
Samples Intact: Yes ✓ No ___
Samples Properly Cooled: Yes ✓ No ___
Samples Accepted: Yes ✓ No ___
If not, why: ___

Samples ~~Placed~~ in Lab Refrigerator
Yes ___ No ___ L&A Rep. Initials SGS

Relinquished by:	Date / Time	Received by:
Scott Thomas	2-27-87 / 10A	C. Vail
Relinquished by:	Date / Time	Received by:
Relinquished by:	Date / Time	Received for Lab by:

Leighton and Associates, Inc.

Laboratory Name: ___

Certification No.: ___

C - X

Project No.	Client and Site Location
40870214-01	Cal MaT / San Bern.

Samplers (Signature): Lot Thomas

EPA Test Method No.: 418.1

Call & Send Results to: Leighton & Associates, Inc.

Attention:

Phone No.

Sample Number	Date	Time	Depth Below Grade (ft)	Sample Type	Suspect Contamination	No. of Containers	REMARKS
SS-16	2-26-87	4pm	1'	Soil	Gasline		
SS-17	↓	↓	1'	↓	↓		Run as one Composite
SS-15	↓	↓	1'	↓	↓		
SS-14	↓	↓	1'	↓	↓		

Sample Integrity:

Samples Intact: Yes ✓ No ——

Samples Properly Cooled: Yes ✓ No ——

Samples Accepted: Yes ✓ No ——

If not, why: ——

Samples Placed in Lab Refrigerator

Yes ✓ No —— L&A Rep. Initials SGS

Relinquished by:	Date / Time	Received by:
Lot Thomas	2-27-87 10A	G. Hall
Relinquished by:	Date / Time	Received by:
	/	
Relinquished by:	Date / Time	Received for Lab by:
	/	

Leighton and Associates, Inc.

Laboratory Name:

Certification No.:

C-xi

LEIGHTON and ASSOCIATES
INCORPORATED
•SOIL ENGINEERING •GEOLOGY •GEOPHYSICS •GROUND WATER •MATERIALS TESTING •HAZARDOUS WASTE ASSESSMENT

October 2, 1987

Project No. 40870214-02

To: Environmental Public Works Agency
Department of Environmental Health Services
385 North Arrowhead Avenue
San Bernardino, California 92415-0160

Attention: Ms. Betty MacGregor

Subject: Incorporation of Soil Stockpile, from the Removal of Underground Diesel Storage Tanks, into the Batch Material Process at the CalMat Company San Bernardino Plant, 2400 West Highland Avenue, San Bernardino, California

On February 26, 1987, Leighton and Associates, Inc. sampled the existing soil stockpile at the CalMat Company San Bernardino Plant, San Bernardino, to determine the Total Peroleum Hydrocarbron content. The levels range from a low of 19 ppm to a high of 980 ppm (refer to the attached laboratory report for all levels.) Mr. Jim Smith of the California DOHS has stated that the currently approved limit for soil to remain in place is 1,000 ppm (adjustments to the limit can be made on a site-by-site basis). As such, the soil stockpile is below the limit.

We have reviewed the available methods of treatment and/or disposal and the laboratory analysis report, and we propose CalMat treat the soil stockpile in the following manner:

- During the batch plant operation, process the soil stockpile (estimated volume 400 cubic yards) through the "dry" side. "Dry" side processing consists of crushing and separation by size with no heat, thus reducing volatilization and atmospheric release. This will eliminate contaminating the water used on the "wet" side, the necessity for any subsequent treatment of the water, and will prevent any of this potentially contaminated water from percolating into the surrounding clean site area.

- The processed soil will then be designated for use as part of the asphalt manufacture operation.

1151 DURYEA AVENUE, IRVINE, CALIFORNIA 92714
(714) 250-1421 • (800) 253-4567
TELEX 249208 LAGEO UR
REGIONAL OFFICES SERVING THE COUNTIES OF: ORANGE, LOS ANGELES, VENTURA, SAN DIEGO, RIVERSIDE/SAN BERNARDINO AND THE COACHELLA AND SANTA CLARITA VALLEY AREAS.

LEIGHTON and ASSOCIATES
INCORPORATED
•SOIL ENGINEERING •GEOLOGY •GEOPHYSICS •GROUND WATER •MATERIALS TESTING •HAZARDOUS WASTE ASSESSMENT

October 2, 1987

Project No. 40870214-02

To: Environmental Public Works Agency
Department of Environmental Health Services
385 North Arrowhead Avenue
San Bernardino, California 92415-0160

Attention: Ms. Betty MacGregor

Subject: Incorporation of Soil Stockpile, from the Removal of Underground Diesel Storage Tanks, into the Batch Material Process at the CalMat Company San Bernardino Plant, 2400 West Highland Avenue, San Bernardino, California

On February 26, 1987, Leighton and Associates, Inc. sampled the existing soil stockpile at the CalMat Company Upland Plant, Upland, to determine the Total Peroleum Hydrocarbron content. The levels range from a low of 19 ppm to a high of 980 ppm (refer to the attached laboratory report for all levels.) Mr. Jim Smith of the California DOHS has stated that the currently approved limit for soil to remain in place is 1,000 ppm (adjustments to the limit can be made on a site-by-site basis). As such, the soil stockpile is below the limit.

We have reviewed the available methods of treatment and/or disposal and the laboratory analysis report, and we propose CalMat treat the soil stockpile in the following manner:

- During the batch plant operation, process the soil stockpile (estimated volume 400 cubic yards) through the "dry" side. "Dry" side processing consists of crushing and separation by size with no heat, thus reducing volatilization and atmospheric release. This will eliminate contaminating the water used on the "wet" side, the necessity for any subsequent treatment of the water, and will prevent any of this potentially contaminated water from percolating into the surrounding clean site area.

- The processed soil will then be designated for use as part of the asphalt manufacture operation.

The location of the soil stockpile is affecting Calmat's facility operation; therefore, if you are in agreement with our proposed treatment plan, your expeditious response in writing will be greatly appreciated.

If you have any questions regarding our plan, please do not hesitate to contact Mr. Keith Downing of our office.

Respectfully submitted,

LEIGHTON AND ASSOCIATES, INC.

Thomas E. Mills
Director, Environmental Services

Attachments: Laboratory Report
Soil Sample Location Map
Chain-of-Custody

Distribution: (2) Addressee
(2) CalMat Company
Attention: Mr. Jay Grady

KD/TM/ka

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900

BF

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MAR 05 1987
LEIGHTON & ASSOC.-R

CLIENT
Leighton & Associates
1989 Atlanta Ave.
Riverside, CA 92507
Attn: Paul Fairbanks

LAB NO. F30940
REPORTED 3/04/87

SAMPLE Soil
RECEIVED 2/27/87
IDENTIFICATION Cal Mat/San Bern. Proj. 40870214-01
BASED ON SAMPLE As Submitted

	TOTAL HYDROCARBONS (418.1) (mg/kg)
Composite of SS-1 & SS-2	19
Composite of SS-3, 4 & 5	280
Composite of SS-6 & 7	980
Composite of SS-8, 9 & 10	145
Composite of SS-11, 12 & 13	420
Composite of SS-14, 15, 16 & 17	190

ASSOCIATED LABORATORIES

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CALMAT

2400 West Highland Avenue

San Bernardino, California

(Project No. 40870214-01)

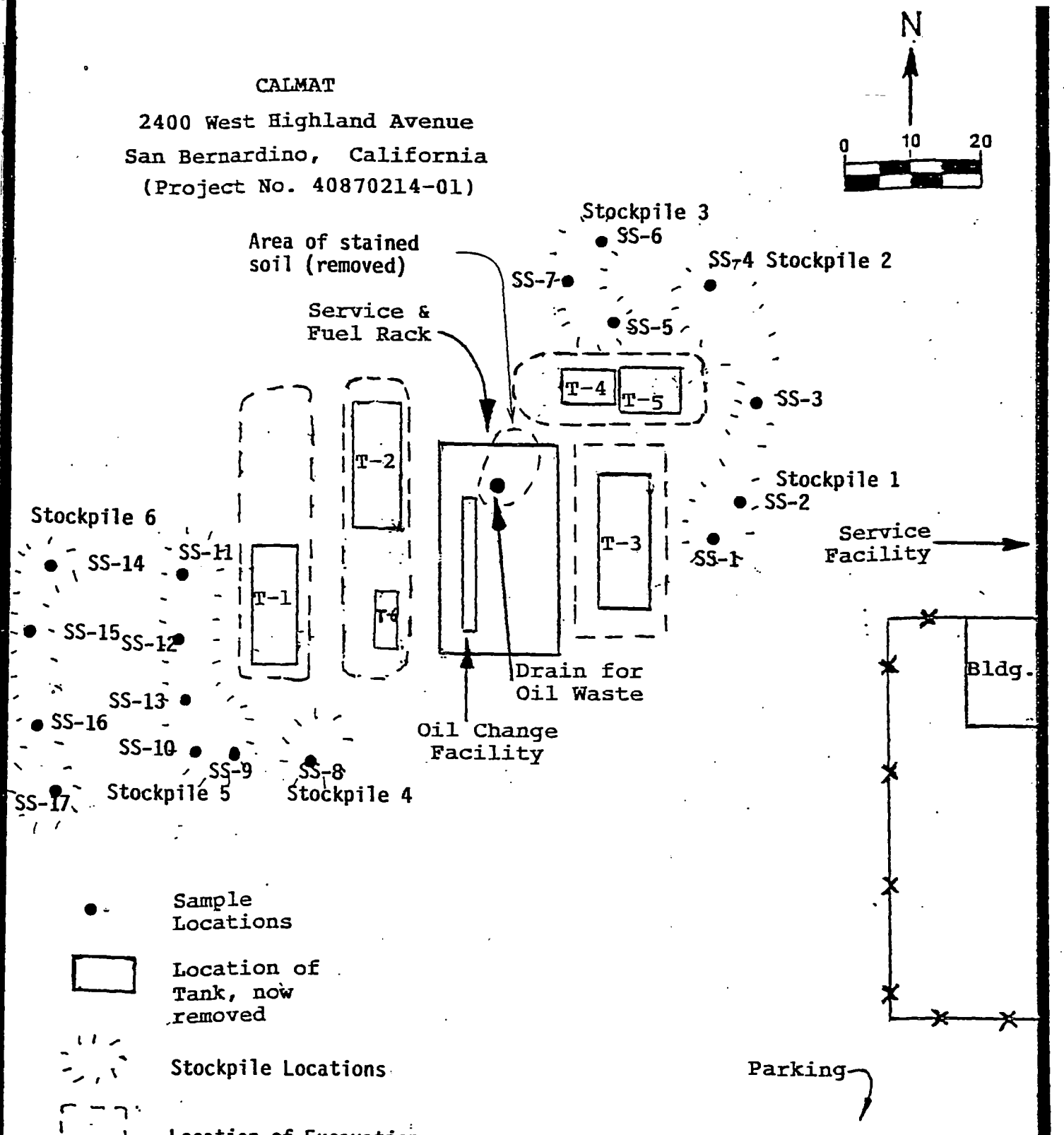


Plate 2. Stockpile Locations

Proj: 40870214-01	Scale: 1"=20'	Date: 6-9-87
Engineer/Geologist: SAS/PF	Drafting By: aj/SGS	

LEIGHTON and ASSOCIATES, INC.

Page 1 of 2

HUSH 24 hr. Priority

Project No.	Client and Site Location
4087021A-01	CalMat / San Bernadino

Samplers (Signature): Scott Thomas

Sample Number	Date	Time	Depth Below Grade (ft)	Sample Type	Suspect Contamination	No. of Containers	EPA Test Method No. 418.1	REMARKS
SS-1	2-26-87	4pm	one	Soil	Oil		F	Run as one composite
SS-2							F	
SS-3							A	Run as one Composite
SS-4							A	
SS-5							A	
SS-6							B	Run as one composite
SS-7					↓		B	
SS-8					Diesel?		C	
SS-9							C	Run as one Composite
SS-10							C	
SS-11							D	
SS-12							D	Run as one composite
SS-13	↓	↓	↓	↓	↓		D	

See Next Page

Call & Send Results to:
Leighton & Associates, Inc.
1989 Atlanta Ave
Riverside, CA 92507
Attention: Paul Fairbanks
Phone No. (714) 788-5800

Please send copy of results to client @-
CALMAT
4702 Azusa Canyon Rd.
Irwindale, CA 91706
ATTN: Mr. Frank PeTronzio

Sample Integrity:
Samples Intact: Yes ✓ No ____
Samples Properly Cooled: Yes ✓ No ____
Samples Accepted: Yes ✓ No ____
If not, why: ____

Samples Placed in Lab Refrigerator
Yes ____ No ____ L&A Rep. Initials SGS

Relinquished by:	Date / Time	Received by:
Scott Thomas	2-27-87 / 10A	
Relinquished by:	Date / Time	Received by:
Relinquished by:	Date / Time	Received for Lab by:

Leighton and Associates, Inc.

Laboratory Name: ____

Certification No.: ____

C - 3

Project No.	Client and Site Location
40870214-01	Cal MaT / San Bern.

Samplers (Signature): Scot Thomas

Sample Number	Date	Time	Depth Below Grade (ft)	Sample Type	Suspect Contamination	No. of Containers
SS-16	2-26-87	4pm	1'	Soil	Gasoline	
SS-17	↓	↓	1'	↓	↓	
SS-15	↓	↓	1'	↓	↓	
SS-14	↓	↓	1'	↓	↓	

EPA Test Method No.: 418.1

Call & Send Results to: Leighton & Associates, Inc.

Attention:

Phone No.

REMARKS: Run as one Composite

Sample Integrity:

Samples Intact: Yes ✓ No ___

Samples Properly Cooled: Yes ✓ No ___

Samples Accepted: Yes ✓ No ___

If not, why: ___

Samples Placed in Lab Refrigerator: Yes ✓ No ___ L&A Rep. Initials SGS

Relinquished by:	Date / Time	Received by:
Scot Thomas	2-27-87 10A	G. Nolle
Relinquished by:	Date / Time	Received by:
Relinquished by:	Date / Time	Received for Lab by:

Leighton and Associates, Inc.

Laboratory Name: ___

Certification No.: ___

CONSERVTECH

3655 South Soto Street Vernon, CA 90058 (213) 583-6897

May 29, 1990

County of San Bernardino
Environmental Public Works Agency
Department of Environmental Health Services
385 N. Arrowhead Avewnue
San Bernardino, CA 92415 - 0160

Attention: Glenn M. Fleming, R.E.H.S.

Subject: Underground Storage Tank Removal
Industrial Asphalt
2350 W. Highland Avenue
San Bernardino, CA 92405

Gentlemen:

This is to advise you concerning the results of laboratory analysis of two soil sample obtained from beneath the invert of an underground storage tank removed from the subject property on May 18, 1990.

The subject tank is reported to have been installed in approximately 1954 and appeared to have been a railroad tanker car. It is understood that the tank historically contained bunker oil and, more recently, diesel fuel. Upon removal from the excavation, the bottom of the tank was found to be covered with a thick tar-like material. The bottom of the excavation was observed to contain a black, viscous, tarry material apparently from the tank.

Two soil samples were obtained from soils beneath the tank invert depth under the direction of a representative of the San Bernardino County Department of Environemtal Health Services. Both samples consisted of dark gray to black, gravelly, medium to very coarse grained sands. The samples were coated with the tar-like material observed in the tank excavation.

Both samples were collected in glass jars which were sealed and labeled. The samples were maintained chilled until delivery to the laboratory.

Sample No. 1 (ID No. TT51890-1) was obtained from beneath the west end of the tank at a depth of approximately 11 feet below grade. Sample No. 2 (ID No. TT51890-2) was obtained from a depth of approximately 11.5 feet below grade from beneath the east end of the tank. Soil sampling locations are indicated on Figure 1, enclosed.

Both samples were analyzed for Total Petroleum Hydrocarbons by Method 418.1 with the following laboratory results:

Sample Number	TPH (ppm)
TT51890-1 (west end)	20,380
TT51890-2 (east end)	14,157

A copy of the report from Global Geochemistry Corporation (a State-certified analytical testing laboratory) and a copy of the chain-of-custody documentation for these samples are enclosed.

Based on observations at the time of tank removal and on the results of laboratory analyses it would appear that investigations should be undertaken to determine the horizontal and vertical extent of petreolum hydrocarbons in the subsurface.

Please feel free to contact the undersigned if there are any questions concerning the above or the enclosures.

Sincerely,

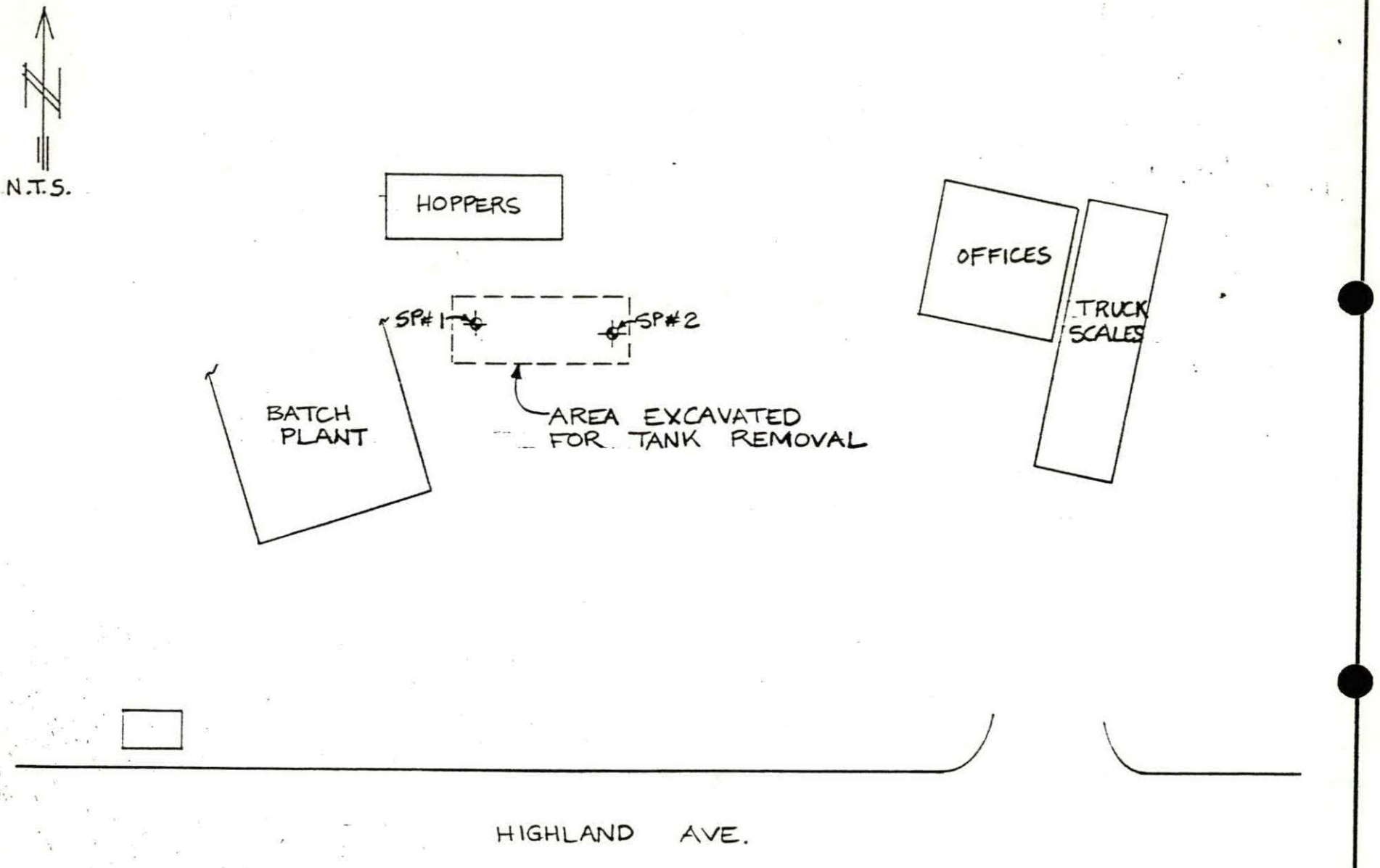
REGISTERED PROFESSIONAL ENGINEER LARRY WAYNE ADAMS No. 16923 CIVIL STATE OF CALIFORNIA

Larry W. Adams, P.E.
Calif. RCE No. 16923
(expires 06/30/93)

LW:kc

Enclosures

cc: Renfrow Construction



CONSERVTECH Vernon, California	CLIENT: RENFROW / INDUSTRIAL ASPHALT PLANT: 2350 W. HIGHLAND AVE. LOCATION: SAN BERNARDINO, CA.	NO.	DATE	DWG. NO.	
		—	5/29/90	FIG. NO. 1	REV. NO. 0

GLOBAL
*GEO*CHEMISTRY
CORPORATION

TELEX: 4720127
FAX: (818) 992-8940

6919 ETON AVENUE • CANOGA PARK • CALIFORNIA 91303-2194 (818) 992-4103

Client: Renfrow Construction

WO#:5018
Project: Industrial Asphalt
Date:05-22-90

Sample Matrix: Soil
Collector: Client
Receiving Date: 05/21/90
Analysis Date: 05/22/90

Method: EPA 418.1
Sampling Date: 05/18/90
Extraction Date: 05/21/90
Completion Date: 05/22/90

Results:
EPA 418.1

GGC#	Sample I.D.	TPH Concentration ppm
Method Blank		ND
5018-1	TTS1890-1 (West End)	20380
5018-2	TTS1890-2 (East End)	14157
Detection Limit:		5

Analyst R.-Po Lee Supervisor Glenn Jeffrey

CONSERVTECH, Inc.
3655 S. Soto St.
Vernon, CA. 90058
(213) 583-6897

FIELD SAMPLING DATA and CHAIN OF CUSTODY LOG

Date: 5/18/90
Contractor:
Driller:

Client: Pentian Construction
Address: 8721 Tamarack Ave.
City: San Valley State: CA Zip Code: 91352
Project Location: Industrial Asphalt, 2340 W. Highland, San Bernardino
Sampler: J. Tharp Project No.:

SAMPLE LOCATION (Fig. No.)	SAMPLE NO.	TIME	SAMPLE TYPE: WATER COMP.	SAMPLE TYPE: WATER GRAB	SAMPLE TYPE: SOIL COMP.	SAMPLE TYPE: SOIL GRAB	VOLUME	CONTAINER TYPE: STAINLESS	CONTAINER TYPE: BRASS	CONTAINER TYPE: GLASS	CONTAINER TYPE: OTHER	PRESERVATIVE	ICED: YES	ICED: NO	SAMPLING METHOD	ANALYSES
West End 11' DEPTH	TTS1890-1	12:45				✓	1 pint			✓			✓		backhoe bucket	418.1
East End 11' DEPTH	TTS1890-2	12:53				✓	1 pint			✓			✓		backhoe bucket	418.1

SAMPLES: Seals attached YES ☑ NO ☐
RUSH: 24 HR ☐ 48 HR ☐ 72 HR ☐
Date Required:
Weather: Warm, sunny, light breeze.
Field Notes: Tarry residues from tank contents in bottom of excav. & covering bottom of tank; thick-viscous. Samples consist of gravelly m-vc grained sand, stained blackish

CUSTODY RECORD (Signature, Date, Time)
Relinquished: James P. Tharp 5-21-90 10:am
Received: Laurie Shaw 5-21-90 10:00 am
Relinquished:
Received:
Relinquished:
Received:

LABORATORY:
SAMPLES: ICED YES ☐ NO ☐ SEALED YES ☐ NO ☐
Name:
Address:
City:
Phone No.:

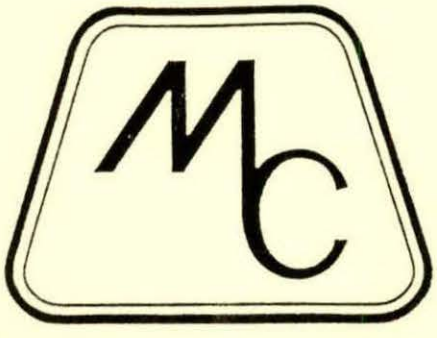
SITE ASSESSMENT REPORT
SAN BERNARDINO FACILITY

Prepared for:

INDUSTRIAL ASPHALT
SAN BERNARDINO, CALIFORNIA

Prepared by:

MITTELHAUSER CORPORATION
LAGUNA HILLS, CALIFORNIA



JANUARY 1991

Report Entitled

SITE ASSESSMENT REPORT SAN BERNARDINO FACILITY

Mittelhauser Corporation Job # 1445
January 1991

Prepared For :

Dwight Beavers
Industrial Asphalt Incorporated
3200 San Fernando Road
Los Angeles, California 91706

Prepared By:

Stanley G. White
Staff Geologist

Under the direction of:

E. Terry Jensen, R.G., R.E.A.
Geoscience Services Manager

Mittelhauser Corporation
23272 Mill Creek Drive
Laguna Hills, California 92653

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APPENDIX A - BORING LOGS

APPENDIX B - CHAIN OF CUSTODY RECORDS AND LABORATORY RESULTS

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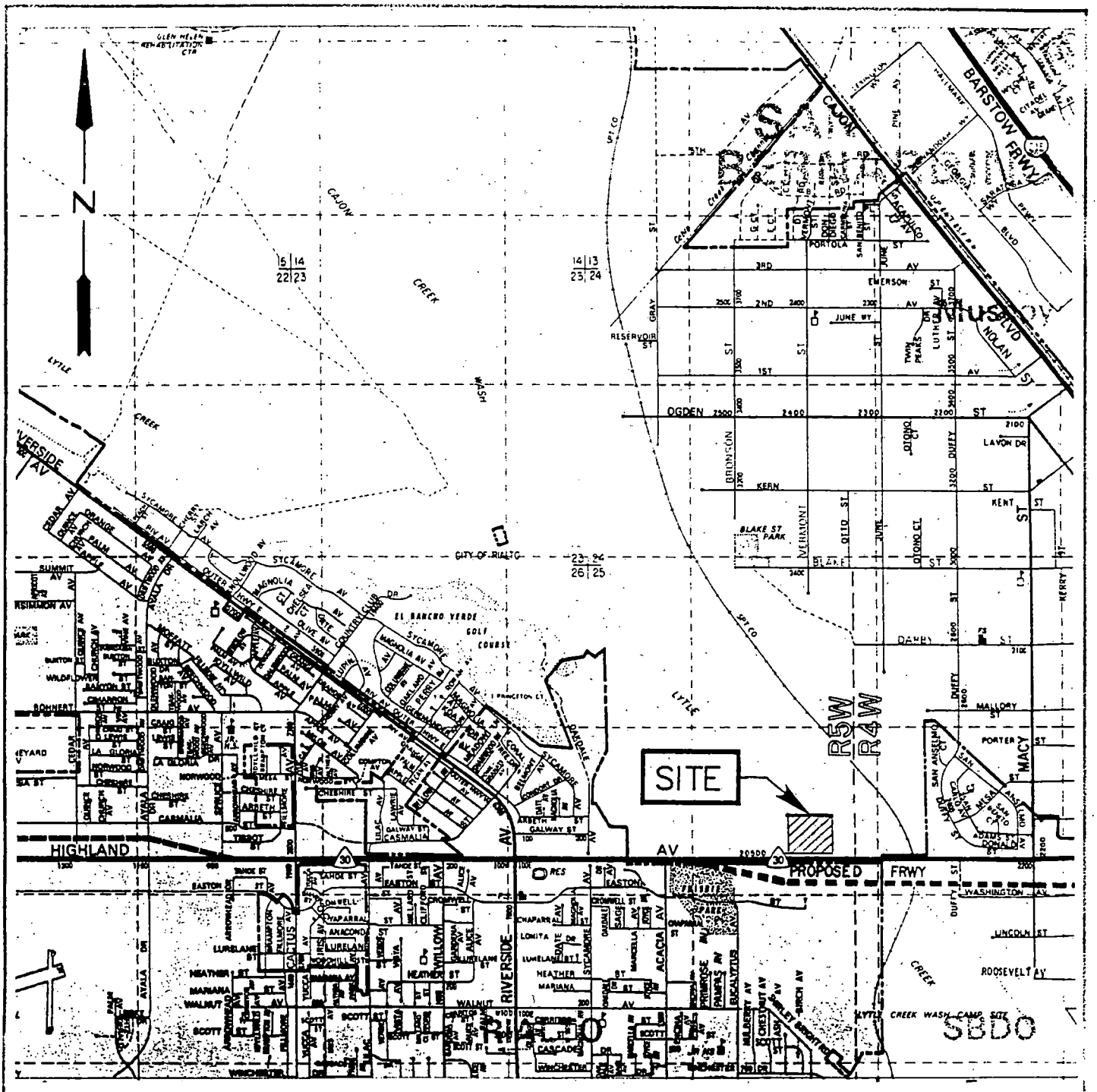
1.0 INTRODUCTION

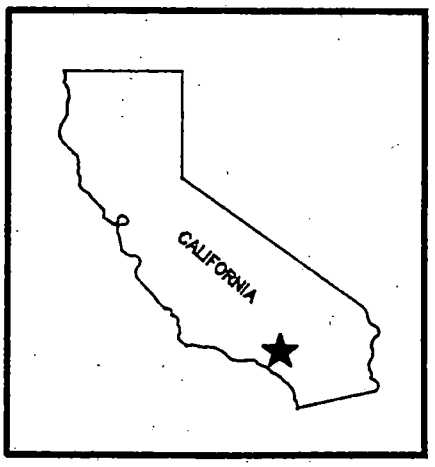
The Mittelhauser Corporation (MC), under contract to Industrial Asphalt Inc. (IAI), has prepared this Site Assessment Report in response to a request by the County of San Bernardino, County Department of Health Services in a letter to Industrial Asphalt dated September 27, 1990.

1.1 SITE DESCRIPTION

The rectangular shaped site is located at 2340 West Highland Avenue in San Bernardino, California, and is approximately of 2 acres in size. In general the area is characterized as a broad flood plain created by the seasonal flooding of Lytle Creek. The site is bounded on the east by a levee for the Lytle Creek channel, on the north by vacant land, on the west by an active sand and gravel plant, and on the south by Highland Avenue. The location of the site is shown on Figure 1-1.

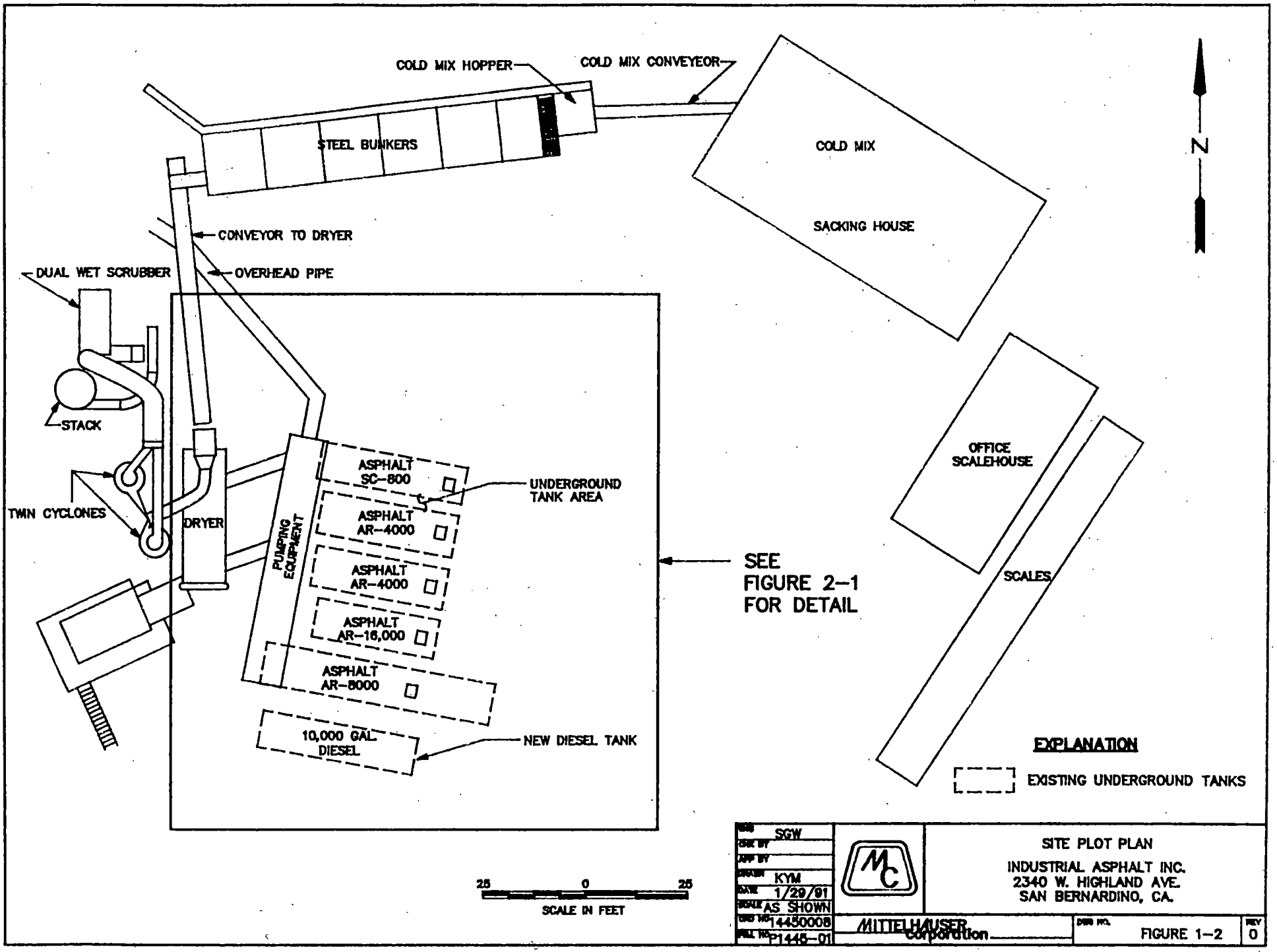
The site is currently occupied by an active asphalt producing batch plant. Structures on the site consist of steel bunkers for raw materials along the north side, pumps, conveyor, dryer and mixing equipment to the west, and a sacking house, scale house, and scales along the east side of the site. Figure 1-2 shows the site plot plan.





NOTE: REPRODUCED WITH PERMISSION GRANTED BY THOMAS BROS MAPS. THIS MAP IS COPYRIGHTED BY THOMAS BROS MAPS.

BRG SGW		SITE LOCATION MAP
CHK BY		INDUSTRIAL ASPHALT INC.
APP BY		2340 W. HIGHLAND AVE.
DRAWN KYM		SAN BERNARDINO, CA.
DATE 1/16/91		
SCALE AS SHOWN		
JOB NO 14450001	MITTELHAUSER corporation	DWG NO. FIGURE 1-1 REV 0
FILE NO P1445-01		


COLD MIX HOPPER
COLD MIX CONVEYEOR
STEEL BUNKERS
COLD MIX
SACKING HOUSE
N
CONVEYOR TO DRYER
DUAL WET SCRUBBER
OVERHEAD PIPE
STACK
TWIN CYCLONES
DRYER
PUMPING EQUIPMENT
ASPHALT SC-800
UNDERGROUND TANK AREA
ASPHALT AR-4000
ASPHALT AR-4000
ASPHALT AR-16,000
ASPHALT AR-8000
10,000 GAL. DIESEL
NEW DIESEL TANK
SEE FIGURE 2-1 FOR DETAIL
OFFICE SCALEHOUSE
SCALES
EXPLANATION
EXISTING UNDERGROUND TANKS
25 0 25
SCALE IN FEET
SGW
KYM
1/29/91
AS SHOWN
1445008
P1445-01
SITE PLOT PLAN
INDUSTRIAL ASPHALT INC.
2340 W. HIGHLAND AVE.
SAN BERNARDINO, CA.
MITTELHAUSER Corporation
FIGURE 1-2
0

1.2 GEOLOGIC SETTING

The subject site is situated near the central portion of the San Bernardino Valley. The San Bernardino Mountains border the Valley to the north and east and the San Gabriel Mountains form a border along the northwest margin of the valley. The San Andreas fault separates the San Bernardino Mountains from the San Bernardino Valley to the south and the San Gabriel Mountains to the west.

The San Bernardino Valley is a depositional basin created as a result of tectonic forces exerted during the early formation of the surrounding mountains. Alluvium was deposited in the valley in the Pliocene epoch and the Quaternary period. In the early Pliocene epoch, well-sorted sandstones and bedded shales were deposited in fresh water lakes present on the floor of the ancestral valley. During the late Pliocene epoch , streams flowing from the north eroded and transported sediments eroded, from the mountains, into the valley, creating extensive flood plains. In the Quaternary period additional sediments were eroded from the surrounding mountains and deposited in the valley. These deposits can be seen on the valley floor today in the form of alluvial fans, river terraces, and sand dunes.

The Valley drainage is characterized by a series of small streams formed by coalescing creeks at the base of the

River is a braided river system that flows toward the southwest and exits the Valley near the Riverside County Line. The two primary water sources for the Valley are watershed runoff from the mountains and annual rainfall. The natural drainage characteristics of the valley have been changed by the continued population growth and development in the valley.

1.3 PREVIOUS WORK

One diesel fuel oil tank and five asphalt holding tanks are located near the center of the site. The diesel fuel oil tank located at the north end of the cluster was removed on May 18, 1990 by Renfrow Construction, Inc. Renfrow installed a new double-walled tank. The new tank was relocated to the south end of the cluster. Figure 2-1 shows both the new and old tank locations. The tank excavation measured approximately 30 feet long by 10 feet wide by 12 feet deep. Renfrow collected two soil samples from the soil in the bottom of the tank excavation. One sample was collected from the east end of the excavation and one from the west end. Laboratory analysis (EPA Method 418.1) of these two samples showed TPH concentrations of 20,380 and 14,157 parts per million (ppm). Copies of laboratory analysis regarding these samples are presented in Appendix B.

1.4 OBJECTIVES

The objectives of this Site Assessment Report are to:

- Describe the current physical surface and subsurface conditions of the site.
- Identify the horizontal and vertical extent of hydrocarbon impacted soil around the former diesel tank.
- Present analytical results showing the type of hydrocarbons impacting the soil.
- Recommend options for remediation of the hydrocarbon impacted soil.

2.0 SITE INVESTIGATION

MC initially examined the site on July 11, 1990. During the job walk, cobble and gravel materials were noted in the subsurface soils in a sidewall exposure. A MC geologist proposed that hollow-stem auger methods, using a high torque drill rig, be attempted to drill the exploratory borings. Under conditions of auger refusal, a backup method of drilling, using air rotary equipment, was proposed.

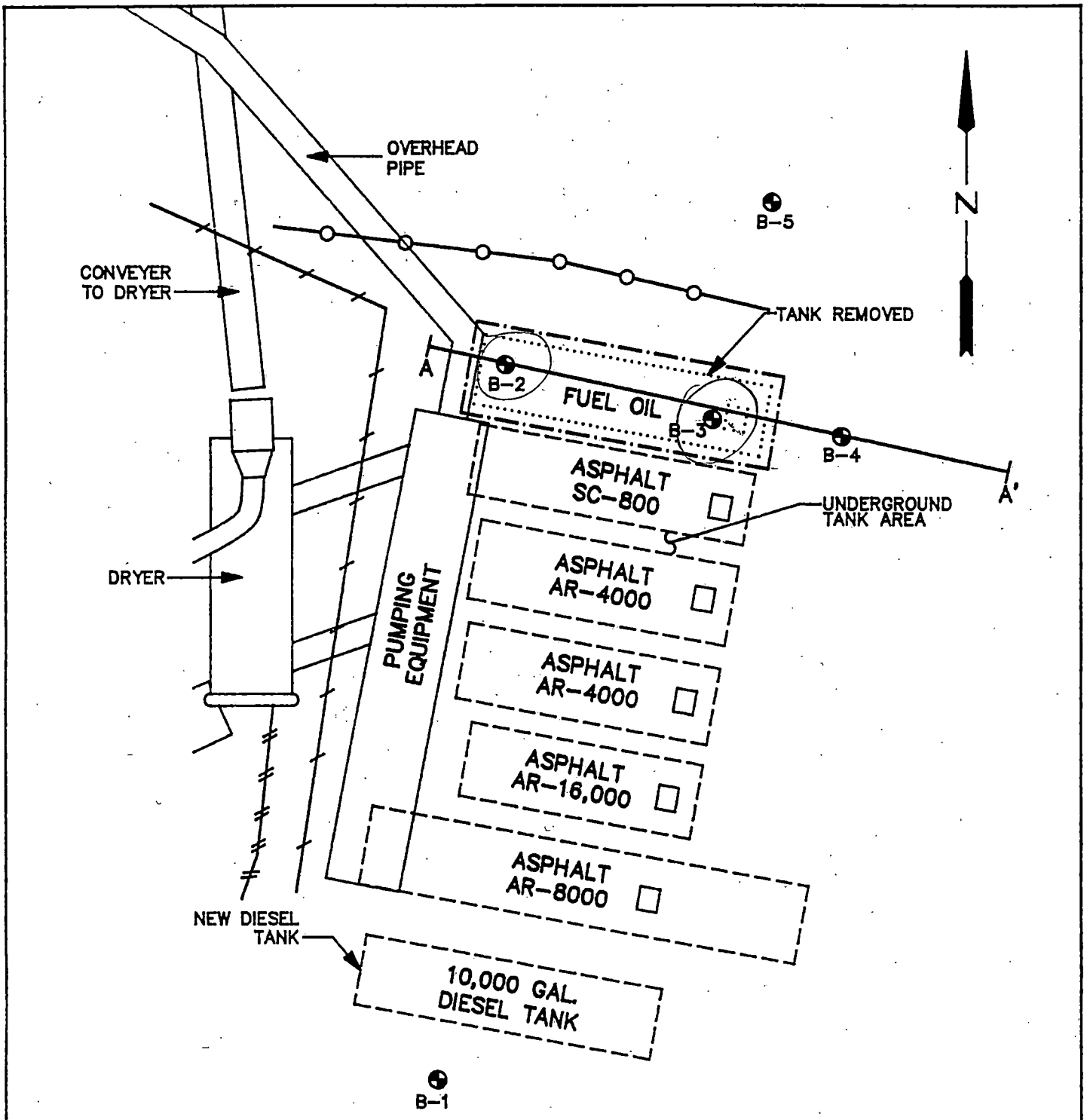
The proposed site investigation consisted of drilling 6 soil borings to depths of 40 feet in the area adjacent to the

existing tank cluster, especially in the area of the former diesel tank. One boring was proposed for each of the following locations:

- Southwest of the tank cluster
- South of the new diesel tank
- Northwest of the former diesel tank location
- North and east of the diesel tank location
- In the former diesel tank location

These locations were chosen to define the lateral and vertical extent of hydrocarbons in soils. The site is characterized by the presence of surface equipment and subsurface obstructions which limit the available locations for exploratory boreholes.

On November 3, 1990, Spectrum Inc. conducted a geophysical survey of the area around the tank cluster and the former diesel tank location. During this survey subsurface utility lines were discovered to the west and south west of the tank cluster. Therefore one proposed boring in this area was eliminated. Boring B-2, previously located near the northwest corner of the tank cluster, was moved south approximately 10 feet due to the presence of overhead piping for the pumping equipment. Figure 2-1 shows proposed and final boring locations, as well as surface and subsurface drilling obstructions. These obstructions will hinder ongoing efforts to fully define the subsurface occurrence of hydrocarbons.



EXPLANATION

A — A' CROSS-SECTION LINE A-A'

B-1 PROPOSED SOIL BORING

EXISTING UNDERGROUND TANKS

REMOVED TANK

GAS LINE

WATER LINE

SEWER LINE

ESTIMATED AREA OF HYDROCARBON IMPACTED SOIL

15 0 15

SCALE IN FEET

DRN	SGW
CHK BY	
APP BY	
DRAWN	KYM
DATE	1/22/91
SCALE	AS SHOWN
JOB NO	14450005
FILE NO	P1445-01

BORING LOCATION PLAN

INDUSTRIAL ASPHALT INC.
2340 W. HIGHLAND AVE.
SAN BERNARDINO, CA.

MITTELHAUSER Corporation

DWG NO. FIGURE 2-1

REV 0

2.1 HOLLOW-STEM AUGER DRILLING

MC initially contracted H-F Drilling Corporation of Fullerton, California, to provide the equipment and manpower to complete the soil borings. A truck-mounted Failing Model 10 drill rig using 8-inch-outer-diameter hollow-stem augers was mobilized on October 19, 1990. An attempt was made to complete soil borings in the area around the previously removed diesel tank and the existing tank cluster.

Boring B-1, located south of the tank cluster, was drilled to a depth of 32 feet. During the drilling of Boring B-1, cobbles of approximately 14-inches in diameter, as well as beds of fine to coarse size gravel, were encountered in the subsurface. These soils were found at depths of approximately 14 to 15 feet and 20 to 23 feet. The subsurface soil throughout the borings consisted of poorly to well sorted sand, with approximately 15 to 20 percent gravel and cobble.

Soil samples were taken at 5 foot intervals, using a California split-spoon sampler. A plastic sand trap was inserted in the shoe of the sampler to increase the percentage of sample recovery. At a depth of 32 feet below grade, the drill rig encountered auger refusal, and was unable to continue. The teeth of the bit were ground down by the gravel and cobble in the

soil. The drilling operation was suspended, and a reverse air drill rig was contracted to continue drilling.

2.2 REVERSE AIR ROTARY DRILLING

MC contracted Layne Environmental Corporation (LEC) of Fontana, California to provide manpower and equipment to complete exploratory borings. LEC supplied a truck-mounted Drill Systems AP-100, Becker Reverse Air circulating Hammer rig to complete borings B-2, B-3, B-4, and B-5.

The Drill Systems AP-1000 rig uses a diesel-powered overhead percussion hammer to advance 10 foot lengths of steel drill casing and drill bit into the soil. The casing is 14-inch-outside-diameter, dual-walled drilling pipe. The drill bit on the drilling pipe breaks up soil cuttings at the casing tip. The soil cuttings are removed from the boring, by injecting compressed air into the outer pipe, through the drill head and up the inner pipe with the cuttings. A metal cyclone is used to separate the soil from the compressed air at the surface. Soil cuttings, although altered by the drilling process, are monitored and logged at the surface.

Boring B-2, located west of the former diesel tank , was drilled to a depth of 45 feet below grade. Boring B-3 was

located in the eastern half of the former diesel tank location. Boring B-4 was located to the east of the former diesel tank. Both B-3 and B-4 were terminated at a depth of 40 feet below grade. Boring B-5, located north of the former tank area, was drilled to a depth of 35 feet below grade.

Soil samples were collected at approximately 5 foot intervals in all borings, using a California split-spoon sampler. A steel sand trap was inserted into the shoe of the sampler to increase the percentage of sample recovery. The boring logs are presented in Appendix A.

All down hole drilling equipment was steam cleaned between borings to prevent any possible cross-contamination. A discussion of the quality control procedures is presented in Appendix C. All soil borings were logged in the field by MC's geologist. Pertinent characteristics recorded included combinations of the following observations:

- Type, color, thickness, and grain size of geologic material (sand, silt, etc.) using the Unified Soil Classification System (USCS).
- Soil horizons encountered.
- Moisture content, degree of cohesiveness, and plasticity of the material (in qualitative terms).
- Volatile organic compounds (VOCs) measured using the Century Model 128 flame ionization detector, or Organic Vapor Analyzer (OVA).

- Other pertinent geologic information, such as the first encountered groundwater.

Soil cuttings and soil samples were monitored with the OVA to identify potential VOCs in the soil. Portions of each soil sample were placed in plastic ziplock bags and allowed to volatilize. The headspace was then screened with the OVA. Due to the nonvolatile nature of the long chain hydrocarbons in the soil (diesel, fuel oil, and asphalt), soil samples selection criteria included the use of visual observations and sample odor.

Upon completion, the borings were backfilled with a portland cement bentonite slurry to prevent creating a pathway for contaminants to enter the subsurface. All soil cuttings were placed on and covered with visqueen for future disposal by the client.

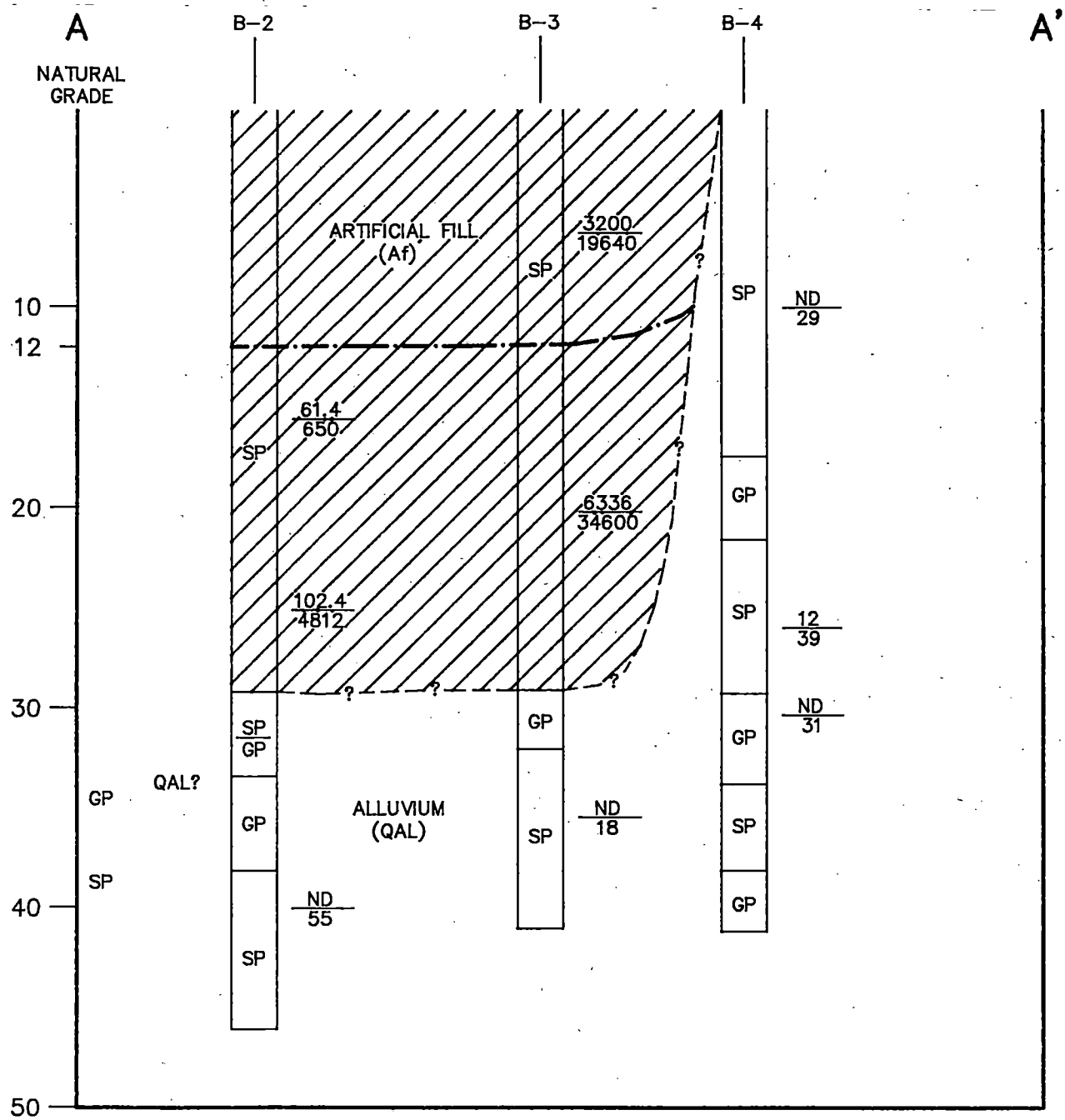
3.0 RESULTS

This section presents the field observations, and sampling results gathered during the site investigation. The field work introduced in Section 2.0 is presented and discussed in this section. Analytical laboratory data is summarized and interpretations are presented for discussion.

3.1 SITE GEOLOGY AND HYDROGEOLOGY

The subsurface soils found at the site were artificial fill (Af) and alluvium (Qal). The artificial fill consisted of olive brown to gray, poorly sorted, fine- to coarse-grained sand containing occasional fragments of asphalt. The artificial fill was found in the area where the fuel oil tank had been removed (Borings B-2 and B-3). The fill extended to depths of approximately 12 to 13 feet in Borings B-2 and B-3, respectively.

The alluvial soils on the site consisted of olive brown to gray, poorly sorted, fine- to coarse-grained sand. Approximately 10 to 15 percent of the lithology is characterized by fine to medium gravel with occasional cobbles. The cobbles are subrounded to subangular, and ranged in size from 3 to 12 inches in diameter. Beds of fine- to medium-grained gravel, including approximately 10 to 15 percent cobbles were encountered in Borings B-1, B-2, and B-3 at depths of approximately 30 to 45 feet below grade. The gravel and cobble beds were encountered in Boring B-5 at depths of approximately 3 to 7 feet, 14 to 23 feet, and 28 to 34 feet below grade. The alluvial soils extended to depths exceeding 46 feet below grade, the maximum depth of the borings. Figure 3-1 shows a geologic cross-section of the former diesel tank area. This cross section also summarizes the results of the soil sample analysis in the immediate area of the former diesel tank.



EXPLANATION

8015/418.1	DIESEL SAMPLE ANALYSIS RESULTS
SP	POORLY SORTED SAND (USCS)
GP	POORLY SORTED GRAVEL (USCS)
	APPROXIMATE CONTACT BETWEEN ARTIFICIAL FILL AND ALLUVIUM
?	ESTIMATED LIMIT OF IMPACTED SOIL
?	APPROXIMATE AREA OF IMPACTED SOIL

SCALE

VERTICAL SCALE: 1"=8'
HORIZONTAL SCALE: 1"=10'
VERTICAL EXAGGERATION: 1.25X

8
0
0
10
SCALE IN FEET

ENG	SGW
CHK BY	
APP BY	
DRAWN	KYM
DATE	2/1/91
SCALE	AS SHOWN
CAD NO.	14450401
PRJ. NO.	P1445-01

MITTELHAUSER corporation

GEOLOGIC CROSS-SECTION A-A'

INDUSTRIAL ASPHALT INC.
2340 W. HIGHLAND AVE.
SAN BERNARDINO, CA.

DWG NO. FIGURE 3-1

REV 0

No groundwater was encountered during this investigation.

3.2 ANALYTICAL RESULTS

Two analytical methods were used to identify the presence of petroleum hydrocarbons in the soil samples. The Total recoverable petroleum hydrocarbons (TRPH) were identified using U.S. Environmental Protection Agency (EPA) Method 418.1 and total petroleum hydrocarbons (TPH) using EPA 8015M (Modified) method using diesel as a standard. The results of these two analytical methods are used to define the horizontal and vertical limits of hydrocarbon impacted soil. These results will also show any relationships between the types of hydrocarbons impacting the soil and possible sources of hydrocarbons on the site.

Soil cuttings and soil samples were screened for the presence of organics using an OVA and the observations of the site geologist. A total of 29 soil samples were collected from Borings B-1, B-2, B-3, B-4, and B-5. One sample from Boring B-1 and 6 samples from Borings B-4 and B-5 were analyzed to establish TRPH and TPH concentrations in the subsurface soil beyond the tank cluster. Four samples recovered from the tank backfill in Borings B-2 and B-3 were analyzed for TRPH and TPH to determine the maximum hydrocarbon concentrations in the impacted soil. Two

samples recovered from the alluvial soil in Borings B-2 and B-3 were analyzed for TRPH and TPH in order to establish a clean baseline beyond the maximum depth of the hydrocarbon impacted soil. All samples were submitted to Pace Incorporated Laboratory, a state-certified laboratory in Irvine California.

EPA Method 418.1 uses an infrared spectrograph to identify the TRPH in the soil. This method was selected primarily as a screening tool, as it cannot speciate between hydrocarbon types and is prone to interference from natural organics in the soil The EPA 8015M method uses a flame ionization detecting gas cromatograph to identify the TPH with carbon chains ranging from C12 to C22.

Laboratory analysis shows that TRPH and TPH concentrations increased with depth, to a depth of 25 feet in Boring B-2 and a depth of 20 feet in Boring B-3. Samples taken in Borings B-2 and B-3 below depths of 30 feet showed nondetectable TPH concentrations and TRPH concentrations no greater than 55 ppm. All samples from Borings B-1, B-4, and B-5 showed TRPH concentrations no greater than 61 ppm and TPH concentrations no greater than 12 ppm. The results are shown on Figure 3-1. The cross-section line is shown in Figure 2-1. The following table summarizes the laboratory results.

LABORATORY RESULTS

Sample No.	Sample Location	Depth (Ft.)	TRPH (4181)	TPH (8015)
B-1@30'	B-1	30		ND
9040	B-2	15	650	61
9042	B-2	25	4812	102
9045	B-2	40	55	ND
9047	B-3	5	19640	3200
9050	B-3	20	34600	6336
9052	B-3	35	18	ND
9056	B-4	10	29	ND
9058	B-4	25	39	12
9059	B-4	30	31	ND
9061	B-5	10	6	ND
9062	B-5	25	15	ND

The laboratory report and Chain of Custody Records are presented as Appendix B.

4.0 CONCLUSIONS

MC evaluated the data recovered during this investigation, and formulated the following conclusions.

4.1 HYDROCARBON TYPE

The results of the laboratory analysis, the OVA readings and the previous use of the impacted area have been examined. Sample results indicate that impacted soils are characterized by a combination of long and medium chain hydrocarbons. These hydrocarbons appear to be consistent with potential leaks in

either the diesel fuel tank, the neighboring SC-800 asphalt tank, or a combination of both tanks.

The correlation between elevated TRPH and TPH in the same samples indicate the presence of long chain hydrocarbons other than diesel fuel in the soil. The laboratory data however is insufficient to determine precise hydrocarbon constituents other than diesel fuel.

The analyzed samples can be divided into two groups, the samples with TPH concentrations greater than 100 ppm and those with TPH concentrations less than 100 ppm. These two groups coincide with two general locations. The samples with the highest TRPH and TPH were collected from backfill soil and alluvial soil directly below the former diesel tank. The samples with the lowest TRPH and low to nondetectable TPH concentrations were collected from the alluvial soils beyond the limits of the tank excavation. These low TRPH and TPH concentrations appear to represent the naturally occurring hydrocarbon content of the alluvial soils.

4.2 IMPACTED AREA

The area of hydrocarbon impacted soil in the vicinity of the former diesel tank is defined laterally to the north and east by Borings B-4 and B-5. No TRPH concentrations over 39 ppm and no

TPH concentrations over 12 ppm were found in samples from these borings. The TRPH and TPH concentrations indicate that these borings are beyond the area impacted by petroleum hydrocarbons.

Overhead obstructions to the west, and the existing underground tanks to the south of the former diesel tank location prevented the placement of borings in these areas. The vertical extent of hydrocarbon impacted soil in the former diesel tank area is delineated by the undetected TPH concentrations at 35 and 40 feet in Borings B-2 and B-3, respectively.

Using the California State Water Resources Control Board Leaking Underground Tank (LUFT) Manual criteria, the TPH concentrations in alluvial and backfill soils are well within the 10,000 ppm maximum allowable level for diesel fuel. Figure 4-1 presents the LUFT Manual criteria used to determine the maximum allowable diesel fuel TPH level for the site.

Based on this information, the size of the impacted area is estimated to be approximately 32 feet long by 10 feet wide by 35 feet deep. The estimated boundary of the hydrocarbon impacted soil is shown on Figure 2-1.

414 yd^3

SITE LUFT CRITERIA

SITE FEATURE	SCORE	SCORE 10 PTS IF CONDITION IS MET	SCORE	SCORE 9 PTS IF CONDITION IS MET	SCORE	SCORE 5 PTS IF CONDITION IS MET
Minimum Depth to Ground Water from the Soil Sample (feet)	10	>100		51-100		25-50\1
Fractures in subsurface (applies to foothills or mountain areas)	10	None		Unknown		Present
Average Annual Precipitation (inches)		<10	9	10-25		26-40\2
Man-made conduits which increase vertical migration of leachate	10	None		Unknown		Present
Unique site features: recharge area, coarse soil, nearby wells, etc	10	None		At least one		More than one
COLUMN TOTALS→TOTAL PTS	40	÷	9	÷		= 49
RANGE OF TOTAL POINTS	49pts or more		41 - 48 pts		40pts or less	
MAXIMUM ALLOWABLE B/T/X/E LEVELS (PPM)	1/50/50/50		.3/.3/1/1		NA\3	
MAXIMUM ALLOWABLE TPH LEVELS (PPM) GASOLINE	1000		100		10	
MAXIMUM ALLOWABLE TPH LEVELS (PPM) DIESEL	10000		1000		100	

DRN	SGW
CHK BY	
APP BY	
DESIGN	KYM
DATE	1/18/91
SCALE	AS SHOWN
CAD NO.	14450007
PROJ NO.	P1445-01

MAXIMUM ALLOWABLE TPH LEVELS
INDUSTRIAL ASPHALT INC.
2340 W. HIGHLAND AVE.
SAN BERNARDINO, CA.

MITTELHAUSER Corporation

DWG NO. FIGURE 4-1 REV 0

4.3 HEALTH AND SAFETY CONSIDERATIONS

No analysis of health and safety parameters has been applied to the hydrocarbon impacted soils at this property. However, some general conclusions can be stated regarding the nature and mobilization of the hydrocarbons, and the potential impacts to public health that may be posed by these hydrocarbons.

The diesel tank which appears to have impacted the subsurface soils with hydrocarbons has been removed; no new source contribute hydrocarbons to the existing impacted area. Hydrocarbons have migrated no more than approximately 35 feet. This is true even though the soil is comprised of permeable sands and gravels. The depth to which the soil has been impacted indicates that the hydrocarbon constituents are relatively immobile.

Depth to water at the site is estimated to be greater than 100 feet. The region is arid to semiarid, and annual rainfall generally is less than 15 inches. The tank area is normally covered with asphalt, and is not in the pathway of surface water drainage. Therefore it is unlikely that any migration of hydrocarbons through subsurface soils will be affected by surface water run-off, including rain water.

Based on these parameters, as well as LUFT Manual calculations it does not appear that the hydrocarbon in the soils are mobile in the subsurface, and therefore any threat to the groundwater is of long term concern only.

5.0 RECOMMENDATIONS

Based on the conclusions discussed in Section 4.0, MC recommends the following actions:

- Submit the Phase II Investigation Report to the Regulatory lead agency.
- Submit samples for Title 22 analysis to determine whether the impacted soils are nonhazardous.
- Request that soil impacted by hydrocarbons be left in place pending long term reconstruction or property transfer.

If the lead agency will not approve leaving these soils in place, a limited excavation can be conducted of the area of the former diesel tank. MC does not believe the excavation of soil in areas that could undermine the existing machinery is warranted under present site conditions.

APPENDIX A

BORING LOGS

Boring No. : B-1
Project Name: INDUSTRIAL ASPHALT
Drilling Co.: H-F DRILLING
Rig : F-10
Elevation : N/A
Total Depth : 32
Logged By : SGW
Started : 10/19/90 8:15

Project No. : 1445
Location : South end of tank cluster
Driller : John/Tony
Bedrock Depth: None Encountered
First Water : None Encountered
Checked By : ETJ
Finished : 10/20/90 9:00

REGISTERED GEOLOGIST
Erling Terry Jensen
4318
STATE OF

DEPTH (ft)	WELL CONSTRUCTION LOG	SAMPLE OVA	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE BLOW COUNT	USCS	DESCRIPTION
0						SP	0'-9' SAND : Olive tan, moist, medium to coarse grained, loose to medium dense, with gravel (25-30%), fine to coarse, angular to subangular, some gravel (10-15%). - Alluvium (Qal)
5		0	B1-5		30-39-50/5		- Light brown to tan, moist, very dense.
10		0	B1-10		33-45-30	GP	9,-14' SAND : Tan, moist, well sorted, fine- to coarse-grained, very dense, angular to subangular, some gravel (10%). - Qal
15		0	B1-15		45-50/5	GP	14'-15' GRAVEL : Poorly sorted, subangular to angular some cobbles (10%).
						SP	15'-20' SAND : Light brown, moist, poorly sorted, medium-to coarse-grained, with 10-15% subrounded to subangular gravel, no petroleum hydrocarbon odor.
20					50/0	GP SP	20-23' SANDY GRAVEL : Approximately 40% poorly graded sand, with 10-15% cobbles, no sample recovered.
						SP	23-32' SAND : Olive gray, moist, poorly sorted, 15-20% subangular to angular gravel. - Qal
25							(continued on next page)

Boring No. : B-1
Project Name: INDUSTRIAL ASPHALT
Drilling Co.: H-F DRILLING
Rig : F-10
Elevation : N/A
Total Depth : 32
Logged By : SGW
Started : 10/19/90 8:15

Project No. : 1445
Location : South end of tank cluster
Driller : John/Tony
Bedrock Depth: None Encountered
First Water : None Encountered
Checked By : ETJ
Finished : 10/20/90 9:00

DEPTH (ft)	WELL CONSTRUCTION LOG	SAMPLE OVA	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE BLOW COUNT	USCS	DESCRIPTION
25		0	S1-25		40-50/5	SP	SAND : Olive gray, moist, poorly sorted, 15-20% subangular to angular gravel. - Qal
30		0	S1-30		50/3		Drilling halted due to damaged drill head.
							TOTAL DEPTH = 32 FEET
35							
40							
45							
50							

Boring No. : B-2
Project Name: INDUSTRIAL ASPHALT
Drilling Co.: Layne Environmemtal
Rig : Becker AP-1000
Elevation : N/A
Total Depth : 46
Logged By : SGW
Started : 12/15/90 7:45

Project No. : 1445
Location : Former tank area
Driller : Marty
Bedrock Depth: None Encountered
First Water : None Encountered
Checked By : ETJ
Finished : 12/15/90 9:30

REGISTERED GEOLOGIST
Erling Terry Jensen
4318
STATE OF CALIFORNIA

DEPTH (ft)	WELL CONSTRUCTION LOG	SAMPLE OVA	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE BLOW COUNT	USCS	DESCRIPTION
0							0-29' SAND : Olive brown , humid to moist, loose, poorly sorted, fine- to medium-grained, subrounded to subangular, fragments of asphalt. Artificial Fill (Af)
5		0		X	4-5-5		4.5' - Gravel, fine to medium, subrounded to subangular.
10		0	9039		5-4-4		9.5' SAND : Olive brown, moist, loose, poorly sorted, fine-to medium-grained, with 10-15% fine gravel, trace of medium gravel. Af
15		0	9040		18-24-42	SP	14.5' SAND : Olive gray, moist, very dense, poorly sorted, fine-to medium-grained, with 20-25% fine to medium gravel.
20		0	9041		26-29-30		19' - Trace of large cobbles, 5-10%. 20' SAND : Blackish brown, moist, very dense, poorly sorted, fine- to medium-grained, with < 20% fine, subrounded to subangular gravel, strong petroleum hydrocarbon odor. Af
25		0	9042		26-50/2		22' - Black oily sand with a strong petroleum hydrocarbon odor. 24.5' SAND : Gray to black, moist, very dense, poorly sorted, with approximately 20% fine to medium gravel, strong petroleum hydrocarbo odor.

(continued on next page)

Boring No. : B-2
Project Name: INDUSTRIAL ASPHALT
Drilling Co.: Layne Environmemtal
Rig : Becker AP-1000
Elevation : N/A
Total Depth : 46
Logged By : SGW
Started : 12/15/90 7:45

Project No. : 1445
Location : Former tank area
Driller : Marty
Bedrock Depth: None Encountered
First Water : None Encountered
Checked By : ETJ
Finished : 12/15/90 9:30

DEPTH (ft)	WELL CONSTRUCTION LOG	SAMPLE OVA	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE BLOW COUNT	USCS	DESCRIPTION
28						SP	
							- Gradational Contact
		0	9043		50/4	SP GP	29' GRAVELLY SAND : Gray brown, very dense, poorly sorted, fine- to medium-grained sand, with 30 to 40% fine gravel.
33						GP	33' SANDY GRAVEL : Medium to coarse, subangular to subrounded, very dense, with 20-30% fine- to medium-grained sand, poor sample recovery.
		0	9044		50/5		
							- Gradational Contact
38						SP	38' SAND : Olive gray, moist, very dense, fine to medium-grained, poorly sorted, with 15-20% fine to medium gravel, trace of cobble (5-10%).
		0	9045		50/5.5		
43							42.5' SAND : Brown, moist, very dense, fine-to medium-grained, trace of coarse gravel (<10%). Alluvium (Qal)
		0	9046		50/5.5		
							TOTAL DEPTH =46 FEET
48							
53							

Boring No. : B-3
Project Name: INDUSTRIAL ASPHALT
Drilling Co.: Layne Environmemtal
Rig : Becker AP-1000
Elevation : N/A
Total Depth : 41
Logged By : SGW
Started : 12/15/90 9:55

Project No. : 1445
Location : Former tank area
Driller : Marty
Bedrock Depth: None Encountered
First Water : None Encountered
Checked By : ETJ
Finished : 12/15/90 11:22

REGISTERED GEOLOGIST
Erling Terry Jensen
4318
STATE OF CALIFORNIA

DEPTH (ft)	WELL CONSTRUCTION LOG	SAMPLE OVA	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE BLOW COUNT	USCS	DESCRIPTION
0							0-29' SAND : Gray brown, dry to moist, poorly sorted, fine- to medium-grained.
							2' - Gravel lense, medium size, subrounded to subangular, with 10-15% fine-to medium-grained sand.
5		0	9047		16-16-18		5' SAND : Gray green, dry to moist, poorly sorted, fine- to medium-grained, some fine gravel (10-15%), with a trace of silt (<5%), strong petroleum hydrocarbon odor.
10		0	9048		17-50/6		
						SP	12' - Gravel lense
15		0	9049		12-23-35		14.5' SAND : Gray, moist, poorly sorted, medium to fine-grained, trace of fine to medium gravel (<10%), no petroleum hydrocarbon odor.
20		0	9050		50/4		20' SAND : Black, moist with product, very dense, some fine to medium gravel (10-15%), strong petroleum hydrocarbon odor.
25							24.5-29'

(continued on next page)

Boring No. : B-3
Project Name: INDUSTRIAL ASPHALT
Drilling Co.: Layne Environmental
Rig : Becker AP-1000
Elevation : N/A
Total Depth : 41
Logged By : SGW
Started : 12/15/90 9:55

Project No. : 1445
Location : Former tank area
Driller : Marty
Bedrock Depth: None Encountered
First Water : None Encountered
Checked By : ETJ
Finished : 12/15/90 11:22

DEPTH (ft)	WELL CONSTRUCTION LOG	SAMPLE OVA	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE BLOW COUNT	USCS	DESCRIPTION
25		0	9051		50/5	SP	SAND : Gray, dry to moist, poorly sorted, fine to medium-grained, very dense, with approximately 20% medium to coarse gravel, no petroleum hydrocarbon odor.
30		0			25-50/2	GP	29' GRAVEL : medium size, very dense, trace of cobble, no sample recovered.
35		0	9052		2-28-45	SP	32' SAND : Dry to moist, medium- to coarse-grained, subrounded to subangular, trace of fine gravel. 33' - 20-25% fine to medium gravel. 35' SAND : Gray green, poorly graded, fine to medium-grained, very dense, with 10-15% medium gravel, no petroleum hydrocarbon odor. Alluvium (Gal)
40		0	9053		50/5		39.5' - 20-30% gravel, very dense, trace of cobble, poor sample recovery.
45							TOTAL DEPTH = 41 FEET
50							

Boring No. : B-4
Project Name: INDUSTRIAL ASPHALT
Drilling Co.: Layne Environmemtal
Rig : Becker AP-1000
Elevation : N/A
Total Depth : 41
Logged By : SGW
Started : 12/15/90 11:30

Project No. : 1445
Location : East of former tank
Driller : Marty
Bedrock Depth: None Encountered
First Water : None Encountered
Checked By : ETJ
Finished : 12/15/90 12:30

REGISTERED GEOLOGIST
Erling Terry Jensen
4318
CALIFORNIA

DEPTH (ft)	WELL CONSTRUCTION LOG	SAMPLE OVA	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE BLOW COUNT	USCS	DESCRIPTION
0							0-17' - 3" Asphaltic Concrete/4-6" Aggregate Base SAND : Olive brown, moist, poorly sorted, very dense, fine- to medium-grained, with some (15%) fine subangular to subrounded gravel, no petroleum hydrocarbon odor. Alluvium (Qal)
5		0	9055		15-33-20	SP	
							8' - Trace (<10%) of cobble.
10		0	9056		4-14-12		9.5' - Medium dense, no petroleum hydrocarbon odor.
15		0	9057		15-22-30		14.5' SAND : Olive gray, humid to moist, fine-to medium-grained, very dense, 10-15% fine gravel, trace (<10%) cobble. Qal - Gradational Contact
						GP	17-21.5' GRAVEL : Fine to medium, very dense with 10-15% cobble, no petroleum hydrocarbon odor.
20		0			50/4		Gradational Contact
						SP	21.5-29' Sand : Gray, moist, fine-to-medium grained, dense, trace (<5%) cobble, no petroleum hydrocarbon odor.
25							

(continued on next page)

Boring No. : B-4
Project Name: INDUSTRIAL ASPHALT
Drilling Co.: Layne Environmemtal
Rig : Becker AP-1000
Elevation : N/A
Total Depth : 41
Logged By : SGW
Started : 12/15/90 11:30

Project No. : 1445
Location : East of former tank
Driller : Marty
Bedrock Depth: None Encountered
First Water : None Encountered
Checked By : ETJ
Finished : 12/15/90 12:30

DEPTH (ft)	WELL CONSTRUCTION LOG	SAMPLE OVA	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE BLOW COUNT	USCS	DESCRIPTION
25		0	9058		36-20-30	SP	Gradational Contact
30		0	9059		15-50/2	GP	29-34' GRAVEL : fine to medium, subrounded to rounded, very dense, with <10% cobble, no petroleum hydrocarbon odor, poor sample recovery.
35		0			50/6	SP	Gradational Contact
40		0	9060		50/6	GP	34.5-38' SAND : Gray brown, moist, fine-to medium-grained, very dense, with 10-15% cobble, no petroleum hydrocarbon odor, no sample recovered. Gradational Contact
45							38-41' GRAVEL : Fine to medium, with 15-20% cobble, poor sample recovery. TOTAL DEPTH = 41 FEET
50							

Boring No. : B-5
Project Name: INDUSTRIAL ASPHALT
Drilling Co.: Layne Environmental
Rig : Becker AP-1000
Elevation : N/A
Total Depth : 34
Logged By : SGW
Started : 12/15/90 2:00

Project No. : 1445
Location : North of former tank
Driller : Marty
Bedrock Depth: None Encountered
First Water : None Encountered
Checked By : ETJ
Finished : 12/15/90 3:00

REGISTERED GEOLOGIST
Erling Terry Jensen
4318
STATE OF CALIFORNIA

DEPTH (ft)	WELL CONSTRUCTION LOG	SAMPLE OVA	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE BLOW COUNT	USCS	DESCRIPTION
0						SP	0-2.5' - 3" Asphaltic Concrete/4" Aggregate Base SAND : Olive brown, moist, fine to medium-grained, approximately 15% fine to medium, subangular to subrounded gravel. - Gradational Contact
5		0		X	50/2	GM	2.5-7' SANDY GRAVEL : Gray, fine to medium, very dense, subangular to subrounded, with 20-25% fine to medium-grained sand, no sample recovered. Gradational Contact
10		0	9061		9-14-17	SP	7-13.5' SAND : Olive brown, moist, dense, fine-to medium-grained, with 10-15% fine to medium gravel, no petroleum hydrocarbon odor. Qal Gradational Contact
15		0		X	50/2	GM/SP	13.5-23' SANDY GRAVEL : Gray, medium to coarse, very dense, poorly sorted, with approximately 30% medium to coarse sand, no petroleum hydrocarbon odor. Qal 14.5' - Green to gray sandy gravel with 15-20% cobble, no petroleum hydrocarbon odor, poor sample recovery.
20		0	9062		50/6		

(continued on next page)

Boring No. : B-5
Project Name: INDUSTRIAL ASPHALT
Drilling Co.: Layne Environmental
Rig : Becker AP-1000
Elevation : N/A
Total Depth : 34
Logged By : SGW
Started : 12/15/90 2:00

Project No. : 1445
Location : North of former tank
Driller : Marty
Bedrock Depth: None Encountered
First Water : None Encountered
Checked By : ETJ
Finished : 12/15/90 3:00

DEPTH (ft)	WELL CONSTRUCTION LOG	SAMPLE OVA	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE BLOW COUNT	USCS	DESCRIPTION
22						GM SP	
		0	9063		15-20-29	SP	23-28' SAND : Gray brown, moist, dense, medium to coarse-grained, 15-20% fine to coarse, subangular to surounded gravel, some (<15%) cobble.
27						GM	28-34' GRAVEL : Fine to medium, subangular to subrounded, 30-40% fine- to medium-grained sand, with 20-25% cobble, no sample recovered, no petroleum hydrocarbon odor Boulder encountered, drilling terminated.
32							TOTAL DEPTH = 34 FEET
37							
42							

APPENDIX B

CHAIN OF CUSTODY RECORDS

AND LABORATORY RESULTS

MITTELHAUSER corporation

23272 MILL CREEK DRIVE, SUITE 300
LAGUNA HILLS, CALIFORNIA 92653
(714) 472-2444

CHAIN OF CUSTODY RECORD

PROJECT NUMBER:	PROJECT NAME:
P1495	INDUSTRIAL ASPHALT

SAMPLED BY: (PRINTED AND SIGNATURE)

ETHAN WHITE — ETHAN WHITE

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): 8015 TPH	* 8020 BTEX & MTBE	*				PRESERVATIVE	REMARKS
B-1 @ 5'	10-19-99	8:35	SOIL	B-1 @ 5'									Standard TAT
B-1 @ 10'	10-19-99	8:40	"	B-1 @ 10'	1								"
B-1 @ 15'	10-19-99	9:00	"	B-1 @ 15'	1								"
B-1 @ 25'	"	10:17	"	B-1 @ 25'	1								"
B-1 @ 30'	10-20-99	8:30	"	B-1 @ 30'	1	X	X						BOTH W/ DIESEL FINGERPRINT
													2ND BOX IF TAT
													2ND TAT

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	LABORATORY:
ETHAN WHITE	10-22	3:25	Heather C. Hanks	TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: ~~(SIGNATURE)~~	LABORATORY CONTACT:	LABORATORY PHONE NUMBER: ( )
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES ( )NO	

DISTRIBUTION: WHITE, MITTELHAUSER CORPORATION
GOLD, LABORATORY
PINK, CLIENT
GREEN, PROJECT FILE

REMARKS:

MITTELHAUSER Corporation

23272 MILL CREEK DRIVE, SUITE 300
LAGUNA HILLS, CALIFORNIA 92653
(714) 472-2444

CHAIN OF CUSTODY RECORD

PROJECT NUMBER:	PROJECT NAME:
P1145	INDUSTRIAL ASPHALT

SAMPLED BY: (PRINTED AND SIGNATURE)
Brad White

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): 8015 MODIFIED / BTEX	PRESERVATIVE	REMARKS
9039	12.15.98	7:50	SOIL	B-2 @ 10'	1			
9040		8:10		@ 15'		/ /		
9041		8:25		@ 20'				
9042		8:30		@ 25'		/ /		
9043		8:45		@ 30'				
9044		8:55		@ 35'				
9045		9:03		@ 40'		/ /		
9046		9:09		@ 45'				
9047		10:06		B-3 @ 5'		/ /		
9048		10:15		@ 10'				
9049		10:25		@ 15'				
9050		10:25		@ 20'		/ /		
9051		10:38		@ 25'				
9052		11:02		@ 35'		/ /		
9053		11:14		@ 40'				
9055		11:40		B-4 @ 5'				

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	LABORATORY:
Brad White	12.17	12:00	W. Attalla	24	PACE
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT:	LABORATORY PHONE NUMBER:
				ERIC	(714) 380-9559
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES ( )NO	

DISTRIBUTION: WHITE, MITTELHAUSER CORPORATION
GOLD, LABORATORY
PINK, CLIENT
GREEN, PROJECT FILE

REMARKS:

MITTELHAUSER Corporation

23272 MILL CREEK DRIVE, SUITE 300
LAGUNA HILLS, CALIFORNIA 92653
(714) 472-2444

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: P1445

PROJECT NAME: @ INDUSTRIAL ASPHALT

SAMPLED BY: (PRINTED AND SIGNATURE) TOM WHITE

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): 8015 MODIFIED & DIESEL	418.1					PRESERVATIVE	REMARKS
9056	12-15-90	11:57	SOIL	B-4 @ 10	1	/	/						
9057		12:11		@ 15									
9058		12:35		@ 25'		/	/						
9059		12:36		@ 30									
9060	1:17			@ 40									
9061		2:05		B-5 @ 10		/	/						
9062		2:25		@ 20									
9063		2:30		@ 25									

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	24	LABORATORY:
TOM WHITE	12-17	12:12	W. Hall	TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	24	PACE
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT: ERIC		LABORATORY PHONE NUMBER: (714) 380-9559
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES ( )NO		

DISTRIBUTION: WHITE, MITTELHAUSER CORPORATION
GOLD, LABORATORY
PINK, CLIENT
GREEN, PROJECT FILE

REMARKS:

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Novato, California
Leawood, Kansas
Irvine, California

REPORT OF LABORATORY ANALYSIS

PURGEABLE FUELS AND AROMATICS
TPH/BTEX

DATE : 10/30/1990
PACE PROJECT # : 701022.500
DATE SAMPLE RECEIVED: 10/22/1990
MATRIX : Soil
PROJECT NAME : Industrial Asphalt
CLIENT PROJECT # : P1445

CLIENT NAME: Mittelhauser Corp.
ADDRESS : 23272 Mill Creek Dr. #300
Laguna Hills, CA 92653
TELEPHONE : (714)472-2444
ATTENTION : Stan White

	SAMPLE NUMBER				
PARAMETER NAME	# 67304 # B-1-30	#	#	#	MDL/mg/Kg
FUELS/TPH/DIESEL	ND				2.00
BENZENE	ND				0.01
TOLUENE	ND				0.01
ETHYLBENZENE	ND				0.01
XYLENES	ND				0.01
FB (SS)	104%				
Dilution Factor	1				

MDL: Method Detection Limit
ND : Not detected at or above the MDL
SS : Surrogate Spike

The data contained in this report were obtained using EPA or other approved methodologies. All analyses were performed by me or under my supervision.

DATA REVIEWED BY

Wasfi Y. Attalla, Ph.D.
Regional Director,So. California

pace laboratories, inc.

Offices:
Minneapolis, Minnesota
Tampa, Florida
Coralville, Iowa
Novato, California
Leawood, Kansas
Irvine, California

REPORT OF LABORATORY ANALYSIS

Q.C. RECOVERIES FOR TPH/BTEX

PROJECT #	: 701022.500	CLIENT NAME	: Mittelhauser Corp.
SAMPLE #	: 67304	BATCH #	: 80
INSTRUMENT ID #	: HP5890-B	MATRIX	: Soil
ANALYST	: NA	Q.C. DATE	: 10/23/1990

COMPOUNDS NAME	METHOD BLANK	%SPIKE RECOV.	%SPIKE DUP RECOV.	DEV.
TPH	ND	85%	87%	2%
BENZENE	ND	101%	94%	7%
TOLUENE	ND	102%	95%	7%
O-XYLENE	ND	104%	94%	10%
SURROGATE RECOVERY	101%	104%	103%	

SUPERVISOR SIGNATURE: [signature] DATE: 10/31/90

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REPORT OF LABORATORY ANALYSIS

TOTAL PETROLEUM HYDROCARBONS
418.1 METHOD

DATE ANALYZED : 12/19/90
DATE RECEIVED : 12/17/90
PACE PROJECT # : 701217.500
MATRIX : Soil
PROJECT NAME : Ind. Asphalt

CLIENT NAME : MITTELHAUSER CORP.
ADDRESS : 23272 Mill Creek Drive, #300
Laguna Hills, Calif. 92653
TELEPHONE : (714)472-2444
ATTENTION : Stan White

PACE SAMPLE # :	# 68056	# 68058	# 68061	
CLIENT SAMPLE # :	# 9040	# 9042	# 9045	MDL/mg/kg
Total Petroleum Hydrocarbons	650	4812	55	10
Dilution factor	3	15	1	

PACE SAMPLE # :	# 68063	# 68066	# 68068	
CLIENT SAMPLE # :	# 9047	# 9050	# 9052	MDL/mg/kg
Total Petroleum Hydrocarbons	19640	34600	18	10
Dilution factor	50	125	1	

PACE SAMPLE # :	# 68072	# 68074	# 68075	
CLIENT SAMPLE # :	# 9056	# 9058	# 9059	MDL/mg/kg
Total Petroleum Hydrocarbons	29	39	31	10
Dilution factor	1	1	1	

PACE SAMPLE # :	# 60877	# 60878		
CLIENT SAMPLE # :	# 9061	# 9062		MDL/mg/kg
Total Petroleum Hydrocarbons	ND	15		10
Dilution factor	1	1		

MDL: Method Detection Limit
ND : Not detected at or above the MDL

The data contained in this report were obtained using EPA or other approved methodologies. All analyses were performed by me or under my direct supervision.

DATA REVIEWED BY

WASFI Y. ATTALLA, Ph.D.
Regional Director, So. California

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REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL
RECOVERIES FOR 418.1 METHOD

PROJECT #	: 701217.500	CLIENT NAME	: MITTELHAUSER
SAMPLE #	: 68077	MATRIX	: Soil
ANALYST	: V.W.	Q.C. DATE	: 12/19/90

COMPOUNDS NAME	METHOD BLANK	%SPIKE RECOV.	%S.DUP RECOV.	DEV.
TPH	ND	90%	95%	3%

SUPERVISOR SIGNATURE: [signature] DATE: 1/3/90

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REPORT OF LABORATORY ANALYSIS

TOTAL PETROLEUM HYDROCARBONS
MODIFIED METHOD
M-8015/3550
Extractable Method

DATE ANALYZED : 12/18/90
DATE RECEIVED : 12/17/90
PACE PROJECT # : 701217.500
MATRIX : Soil
PROJECT NAME : Ind. Asphalt

CLIENT NAME : MITTELHAUSER CORP.
ADDRESS : 23272 Mill Creek Drive, #300
Laguna Hills, Calif. 92653
TELEPHONE : (714)472-2444
ATTENTION : Stan White

PACE SAMPLE # :	# 68056	# 68058	# 68061	MDL
CLIENT SAMPLE # :	# 9040	# 9042	# 9045	mg/kg
Total Petroleum Hydrocarbons	61.4	1024	ND	10
Quantified As	Diesel	Diesel	-	
Dilution factor	0	50	0	

PACE SAMPLE # :	# 68063	# 68066	# 68068	MDL
CLIENT SAMPLE # :	# 9047	# 9050	# 9052	mg/kg
Total Petroleum Hydrocarbons	3200	6336	ND	10
Quantified As	Diesel	Diesel	-	
Dilution factor	50	50	0	

PACE SAMPLE # :	# 68072	# 68074	# 68075	MDL
CLIENT SAMPLE # :	# 9056	# 9058	# 9059	mg/kg
Total Petroleum Hydrocarbons	ND	12	ND	10
Quantified As	-	Diesel	-	
Dilution factor	0	0	0	

MDL: Method Detection Limit
ND: Not detected at or above the MDL

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REPORT OF LABORATORY ANALYSIS

TOTAL PETROLEUM HYDROCARBONS
MODIFIED METHOD
M-8015/3550
Extractable Method

DATE ANALYZED : 12/18/90
DATE RECEIVED : 12/17/90
PACE PROJECT # : 701217.500
MATRIX : Soil
PROJECT NAME : Ind. Asphalt

CLIENT NAME : MITTELHAUSER CORP.
ADDRESS : 23272 Mill Creek Drive, #300
Laguna Hills, Calif. 92653
TELEPHONE : (714)472-2444
ATTENTION : Stan White

PACE SAMPLE # :	# 68077	# 68078		MDL
CLIENT SAMPLE # :	# 9061	# 9062		mg/kg
Total Petroleum Hydrocarbons	ND	ND		10
Quantified As	-	-		
Dilution factor	0	0		

MDL: Method Detection Limit
ND: Not detected at or above the MDL

The data contained in this report were obtained using EPA or other approved methodologies. All analyses were performed by me or under my direct supervision.

DATA REVIEWED BY

WASFI Y. ATTALLA, Ph.D.
Regional Director, So. California

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Irvine, CA 92718
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THE ASSURANCE OF QUALITY

REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL RECOVERIES FOR 8015 MODIFIED METHOD

PROJECT # : 701217.500
SAMPLE # : 68068
BATCH # : 45

CLIENT NAME : MITTELHAUSER
MATRIX : Soil
Q.C. DATE : 12/12/90

COMPOUNDS NAME	METHOD BLANK	SPIKE RECOVERY	SPIKE DUP RECOVERY	DEVIATION	LCS RECOVERY	DEVIATION
TPH	ND	92%	85%	8%	86%	15%

SUPERVISOR SIGNATURE: [signature] DATE: 1/2/90

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GEOCHEMISTRY
CORPORATION

TELEX: 4720127
FAX: (818) 992-8940

6919 ETON AVENUE • CANOGA PARK • CALIFORNIA 91303-2194 (818) 992-4103

Client: Renfrow Construction

WO#:5018
Project: Industrial Asphalt
Date:05-22-90

Sample Matrix: Soil
Collector: Client
Receiving Date: 05/21/90
Analysis Date: 05/22/90

Method: EPA 418.1
Sampling Date: 05/18/90
Extraction Date: 05/21/90
Completion Date: 05/22/90

Results:
EPA 418.1

GGC#	Sample I.D.	TPH Concentration ppm
Method Blank		ND
5018-1	TT51890-1 (West End)	20180
5018-2	TT51890-2 (East End)	14157
Detection Limit:		5

Analyst L. -P. Lee Supervisor Alan Jeffrey

ENSERVTECH, Inc.
85 S. State St.
..., CA. 93060
(8) 583-8887

Date: 5/18/90
Director:
Site:

FIELD SAMPLING DATA and CHAIN OF CUSTODY LOG

Client: Ronton Construction
Address: 8721 Tamarack Ave.
City: Sunkiller State: CA Zip Code: 91352
Project Location: Industrial Asphalt, 2340 Foothill, San Fernando
Sampler: T. Thayer Project No.:

SAMPLE LOCATION (Fig. No.)	SAMPLE NO.	TIME	SAMPLE TYPE: WATER GRAB	WATER COMP	SOIL GRAB	SOIL COMP	VOLUME	CONTAINER TYPE: STAINLESS STEEL	BRASS	GLASS	OTHER	PRESERVATIVE	ICED: YES	ICED: NO	SAMPLING METHOD	REMARKS
East End Depth	TES070-1	12:45				✓	1 pint			✓			✓		backhoe bucket	418.1
East End Depth	TES070-2	12:53				✓	1 pint			✓			✓		backhoe bucket	418.1

SAMPLES: Seals attached yes ☑ no ☐
Cool: 24 hrs ☐ 48 hrs ☐ 72 hrs ☐
Analysis Required:
Weather: Warm, sunny, light breeze.
Special Notes: Taken 3 inches from bank
outcrop in bottom of excav. +
at the bottom of bank; thick +
organics. Samples consist of a small
amount of crushed basalt, stained black.

CUSTODY RECORD (Signature, Date, Time)
Relinquished: T. Thayer 5-21-90 8:00
Received: [signature] 5-21-90 8:00
Relinquished:
Received:
Relinquished:
Received:

LABORATORY:
SAMPLES: received yes ☐ no ☐ intact yes ☐ no ☐
Name:
Address:
City:
Phone No.:

SENT BY:0 ; 5-23-90 9:26AM ; 19261+ 1012

APPENDIX C

SAMPLING TECHNIQUES

SAMPLING TECHNIQUES

All samples collected by MC for this project were handled following specific protocols. Soil samples were obtained using a California modified split-spoon sampler with brass liners. Before collection of each sample, the equipment was cleaned with an Alconox detergent, rinsed with tap water, and finally rinsed with distilled water.

Each soil sample weighed approximately 500 grams. This provided an adequate sample for designated analysis and replicate analysis, if necessary. The brass sample tubes were capped on both ends with tephlon squares and plastic caps. The caps were then sealed with duct tape.

Each sample container was labeled with the following information at the time of sampling:

- Facility Name
- Sample Number
- Sample Location
- Name of Sampler
- Sample Type
- Sample Date
- Sample Time

All samples were placed in an ice chest, packed in chemical ice, and stored at 4 degrees centigrade or less. Samples were couriered or shipped to the laboratory. The chain

of custody procedures that are described in EPA guidance manual SW-846 were followed. The information pertinent to sampling the soil was be recorded in a hardbound log book. Entries in the log book included the following information:

- facility name
- purpose of sampling
- location of sampling site
- description of sampling methodology
- date and time of sample collection
- field observations
- photographs

Any samples archived for analysis will be held in storage only for the time and under the conditions specified in EPA and DHS analytical protocol documents.

APPENDIX C

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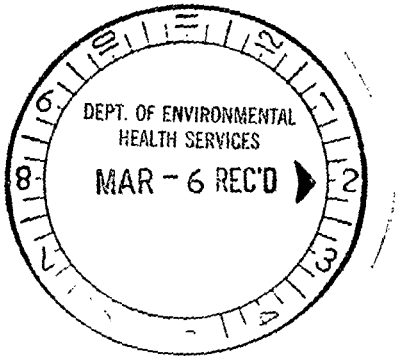
- Facility Name
- Sample Number
- Sample Location
- Name of Sampler
- Sample Type
- Sample Date
- Sample Time

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- description of sampling methodology
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- field observations
- photographs

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DEPT. OF ENVIRONMENTAL
HEALTH SERVICES
MAR - 6 REC'D

INDUSTRIAL ASPHALT, INC.
SITE REMEDIATION WORK PLAN
SAN BERNARDINO, CALIFORNIA

Prepared for:

INDUSTRIAL ASPHALT, INC.
SAN BERNARDINO, CALIFORNIA

Prepared by:

MITTELHAUSER CORPORATION
LAGUNA HILLS, CALIFORNIA

SEPTEMBER 1991

ENVIRONMENTAL
HEALTH SERVICES

91 SEP 27 PM 2:03

MITTELHAUSER corporation

23272 Mill Creek Drive
Laguna Hills, California 92653
(714) 472-2444

September 26, 1991

Catherine B. Richards
Department of Environmental
Health Service
San Bernardino County
385 North Arrowhead Avenue
San Bernardino, Ca. 92415

SUBJECT: Transmittal of Final San Bernardino Site
Remediation Plan

ENVIRONMENTAL
HEALTH SERVICES
91 SEP 27 PM 2:03

Dear Ms. Richards:

Enclosed are three copies of the final site remediation work plan for the San Bernardino Facility. Please review this work plan at your earliest convience.

If you have any questions, please feel free to call me at (714) 587-2132 or Brian Finnell at (714) 587-2132.

Sincerely,

MITTELHAUSER CORPORATION

Stanley G White
Staff Geologist

SGW:
P1792CC
Enclosure

INDUSTRIAL ASPHALT, INC.
SITE REMEDIATION WORK PLAN
SAN BERNARDINO, CALIFORNIA

Prepared for:

INDUSTRIAL ASPHALT, INC.
SAN BERNARDINO, CALIFORNIA

Prepared by:

MITTELHAUSER CORPORATION
LAGUNA HILLS, CALIFORNIA

SEPTEMBER 1991

TABLE OF CONTENTS

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1.0	INTRODUCTION	1
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3.0	SAMPLE COLLECTION	8
4.0	STOCKPILE ACTIVITIES	10
5.0	TREATMENT PROCEDURES	11
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APPENDIX A - LETTER REPORT
APPENDIX B - HEALTH AND SAFETY PLAN

LIST OF FIGURES

FIGURE NO.		PAGE NO.
1	Site Location Map	2
2	Site Plot Plan	3
3	Boring Location Plan	6

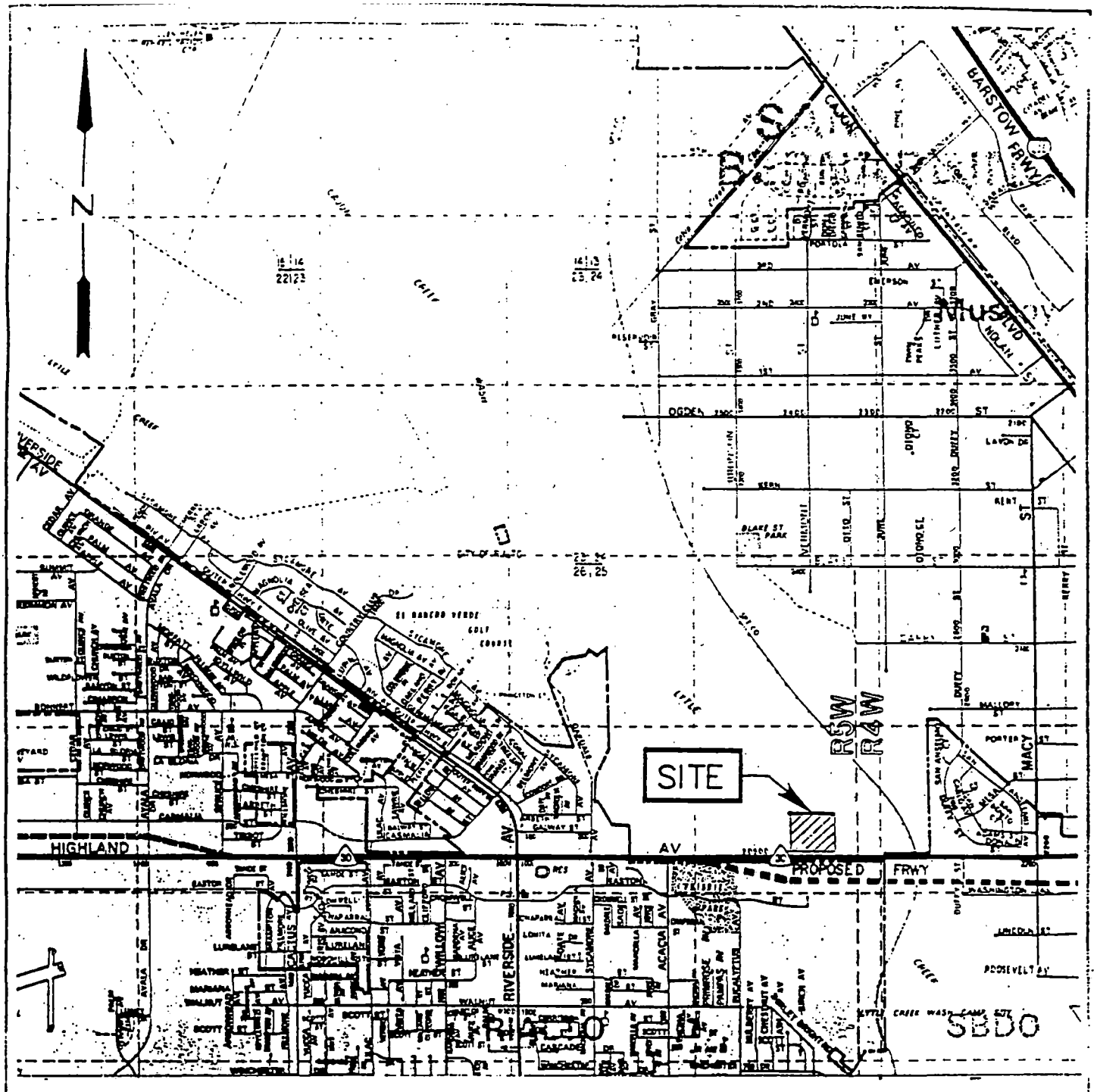
1.0 INTRODUCTION

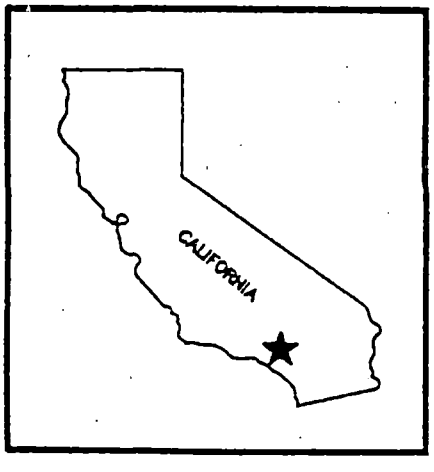
This work plan has been prepared to outline the remediation activities planned for Industrial Asphalt Incorporated's (IAI) facility in San Bernardino, California. The site is located at 2340 West Highland Avenue, San Bernardino, California. The site location is shown on Figure 1. This work plan has been prepared for submittal to the San Bernardino County Department of Health Services (SBDHS).

1.1 BACKGROUND

The facility, an asphalt batch plant, utilizes underground storage tanks to store hot liquid asphalt material, and diesel fuel. Figure 2 is a site plot plan.
depicting the location of the various structures at the facility. The single diesel tank located at the site was recently replaced. During removal activities, discolored soil was noted near the tank, and samples were collected and analyzed for petroleum hydrocarbon content.

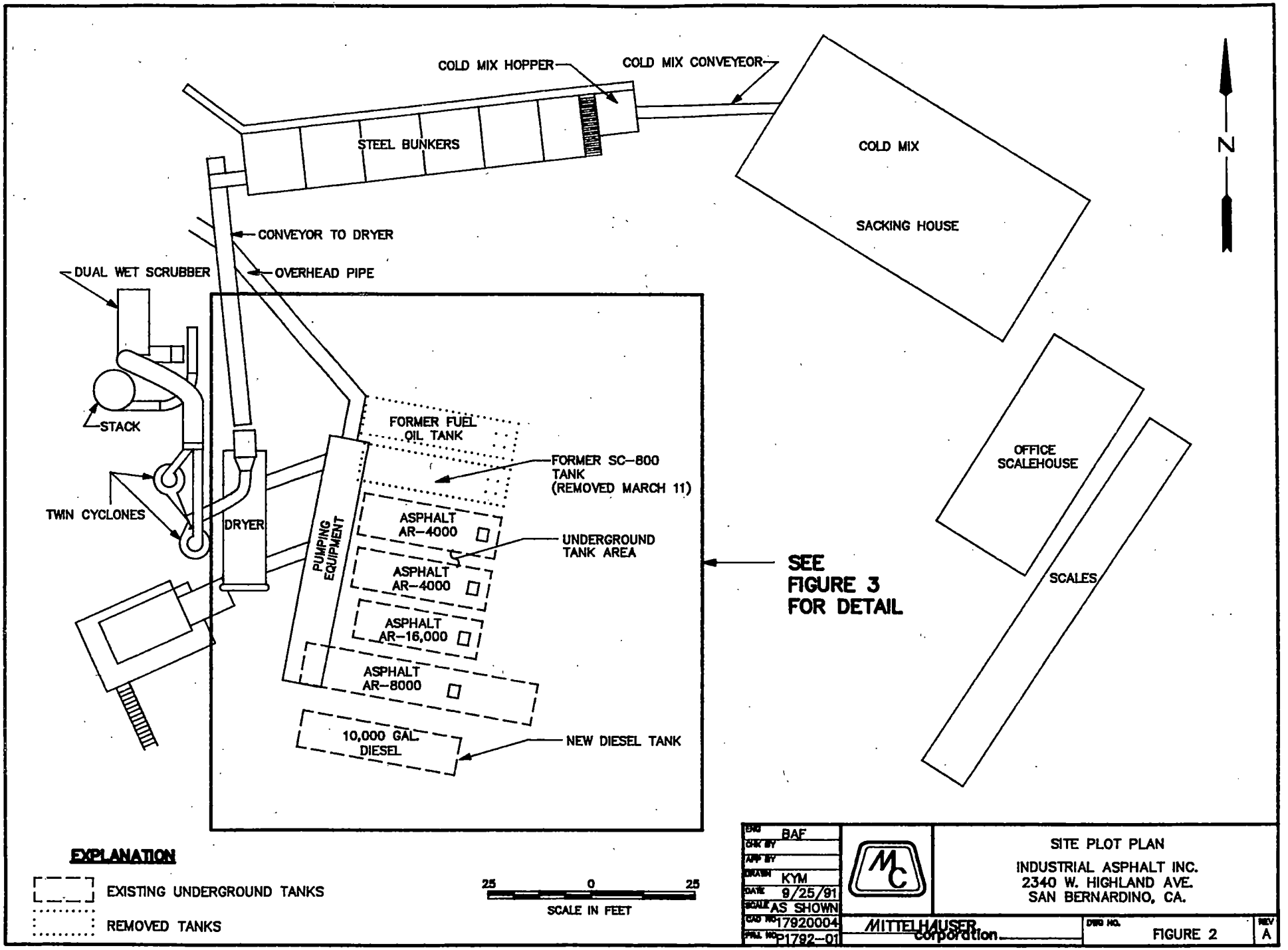
The analytical results of samples taken during the tank removal activities indicated that long- to medium-chained hydrocarbons were present in the soil. Soil borings were





NOTE: REPRODUCED WITH PERMISSION GRANTED BY THOMAS BROS MAPS. THIS MAP IS COPYRIGHTED BY THOMAS BROS MAPS.

DRN BY	SGW	SITE LOCATION MAP INDUSTRIAL ASPHALT INC. 2340 W. HIGHLAND AVE. SAN BERNARDINO, CA.
CHK BY		
APP BY		
DESIGN	KYM	
DATE	1/16/91	
SCALE	AS SHOWN	
JOB NO.	1445001	
FILE NO.	P1445-01	MITTELHAUSER Corporation
DWG NO.		FIGURE 1
REV		0



ENG	BAF
DRN BY	
APP BY	
DRAWN	KYM
DATE	9/25/91
SCALE	AS SHOWN
CAD NO	17920004
FILE NO	P1792-01

SITE PLOT PLAN

INDUSTRIAL ASPHALT INC.
2340 W. HIGHLAND AVE.
SAN BERNARDINO, CA.

MITTELHAUSER corporation

DWG NO. FIGURE 2

REV A

completed in the area of the removed tank and the areal extent of affected soils was investigated. In addition, the soils were chemically characterized and an investigation report was submitted to the SBDHS. The report recommended that, due to the presence of site structures, a limited excavation program be initiated, and impacted soils be removed to the extent practical.

Six samples of the affected soil were taken and evaluated to determine if IAI could handle the soil as nonhazardous. A letter report outlining the sampling procedures and analytical results is presented in Appendix A. The soil was evaluated based on Title 22, California Code of Regulations (CCR), Article 11 criteria. The samples were analyzed for total recoverable petroleum hydrocarbons, volatile organics by EPA Method 8240, total metals for the metals referenced in Title 22, CCR, pH by EPA Method 9040/9045, flashpoint by EPA Method 1010, and 96-hour acute aquatic toxicity bioassays. Based on the analytical results and Mittelhauser's evaluation, IAI has elected to self-certify the soils as nonhazardous according to Title 22, CCR, Section 66696, Article 11.

1.2 WORK PLAN ORGANIZATION

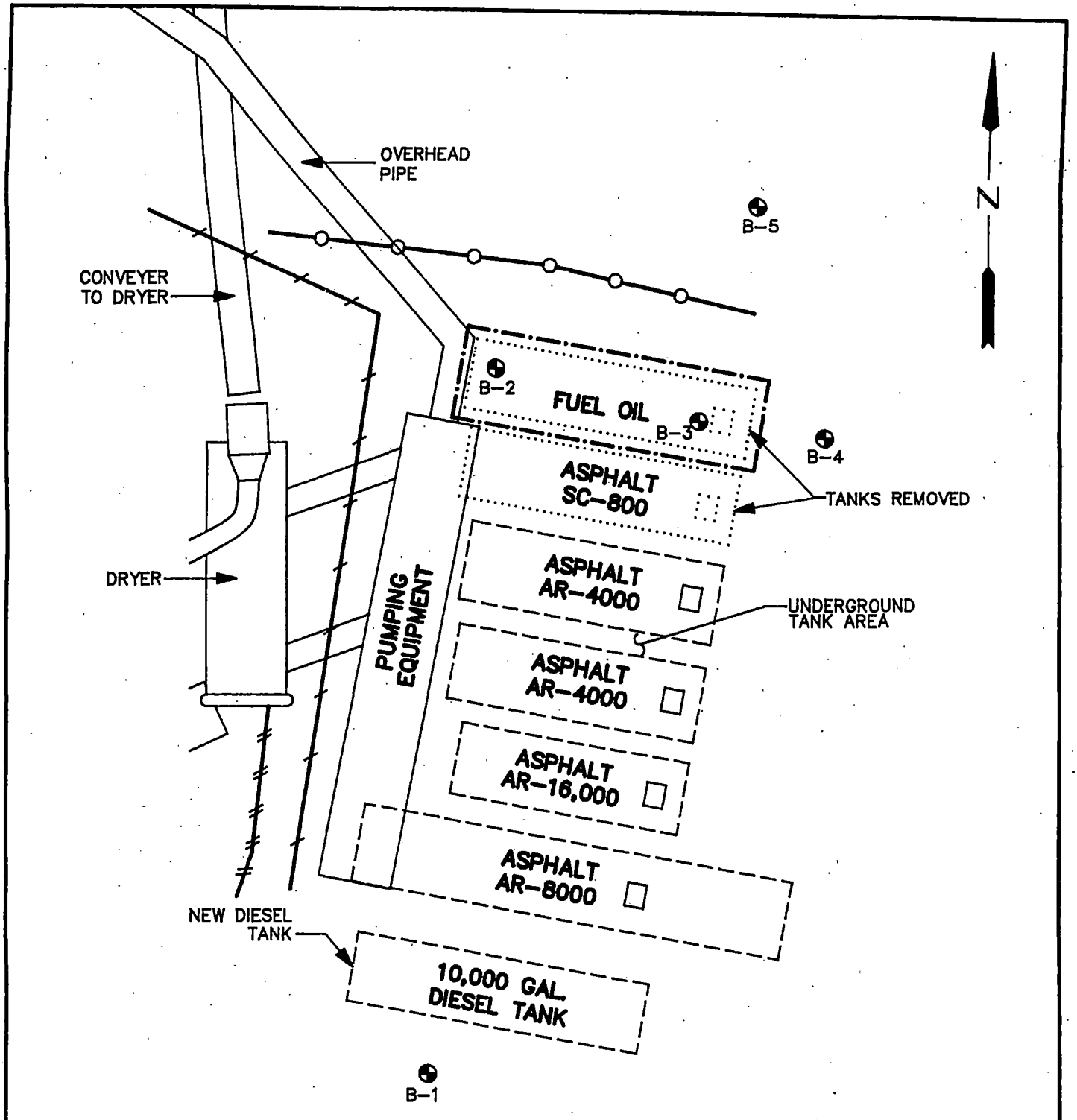
This work plan addresses the removal of approximately 415 cubic yards (cy) of petroleum hydrocarbon affected soil. The

work plan is divided into the following sections: Section 2.0 describes the excavation activities and backfilling procedures; Section 3.0 describes the sample collection activities associated with the removal of the affected soil; Section 4.0 describes the stockpiling activities and sampling procedures; Section 5.0 discusses the treatment procedures; Section 6.0 discusses the health and safety plan; and Section 7.0 outlines the preparation of the final report.

2.0 EXCAVATION ACTIVITIES

Previous investigations completed during the tank's removal identified approximately 415 cy of petroleum hydrocarbon affected soil. The estimated boundary of the affected soil is shown on Figure 3. The SBDHS will be notified 5 days prior to beginning the excavation and sampling activities. The affected soil will be excavated under the South Coast Air Quality Management District's blanket excavation permit held by Mittelhauser Corporation (Mittelhauser), the prime contractor.

A Case 235 track excavator will be used to excavate the affected soil. The excavator will initially dig out the affected soil to a depth of 25 feet. Care will be taken to minimize the potential for affecting the structural integrity of the surrounding tanks. The sidewalls of the excavations, projected



EXPLANATION

- B-1 — SOIL BORING LOCATIONS
- EXISTING UNDERGROUND TANKS
- REMOVED TANKS
- GAS LINE
- WATER LINE
- SEWER LINE
- ESTIMATED AREA OF HYDROCARBON IMPACTED SOIL

15 0 15

SCALE IN FEET

ENG	BAF
CHK BY	
APP BY	
DRAWN	KYM
DATE	9/25/91
SCALE	AS SHOWN
CAD NO.	17920003
PRJ. NO.	P1792-01

BORING LOCATION PLAN

INDUSTRIAL ASPHALT INC.
2340 W. HIGHLAND AVE.
SAN BERNARDINO, CA.

MITTELHAUSER corporation

DWG NO. FIGURE 3

REV A

from the excavation sidewall floor, at a two to one (2:1) slope, will not be extended into areas that could be jeopardized by slope failure, unless approved by a soils technician acting under the direction of a certified soils engineer. Determination if excavation will continue beyond 25 feet will be based on the visual observations, sampling, and safety of the surrounding units.

If the excavation exceeds a depth of 25 feet, one side of the excavation will be terraced to provide access for the excavator. The terrace will be wide enough so a slope failure will not affect the excavator's working area. The excavation is anticipated to proceed to a depth of approximately 35 to 40 feet in some areas.

The excavation will be mapped as removal proceeds, and the locations of samples will be indicated on the maps. At least one excavation map will be prepared daily. Samples will be collected to direct the excavation and verify that all hydrocarbon-impacted soils above the cleanup level have been removed completely. When sample results, combined with the judgement of Mittelhauser's geologist, indicate that the excavation is complete, removal will be halted. Samples will be collected to confirm the amount of total petroleum hydrocarbons (TPH) and TRPH remaining in the soil, and photographs will be

taken of the excavation. Final measurements of the excavation will be taken and recorded.

2.1 BACKFILLING OPERATIONS

After sampling has shown that the affected soil has been completely removed or removed to the extent that is safe, the tank pit will be backfilled. The backfilling will be monitored for moisture content and general compaction suitability. Clean backfill material will be obtained onsite, or provided by IAI.

3.0 SAMPLE COLLECTION

Samples will be collected and analyzed during excavation activities to help direct the soil removal. Samples will also be obtained to confirm that soils with petroleum hydrocarbons above the cleanup level have been removed. A state-certified mobile laboratory will be onsite the second day of excavation. The laboratory will analyze samples for TPH by EPA Method 8015, modified for diesel, and for TRPH by EPA Method 418.1. Mittelhauser's geologist will supervise all excavation and sampling activities.

As the soil removal progresses, samples will be analyzed for TRPH to determine if additional soil must be removed. When

sample results indicate the TRPH concentrations are below 1,000 parts per million (ppm), the samples will then be analyzed for TPH, modified for diesel. When sample results show TRPH and TPH concentrations below 1,000 ppm and 10,000 ppm, respectively, confirmation samples will be obtained. Confirmation samples will be analyzed for TRPH, TPH, and volatile aromatics; benzene, toluene, ethylbenzene, and xylene (BTEX) by EPA Method 8020.

The confirmation samples will be obtained after the Mittelhauser's geologist determines the excavation to be completed based on the TPRH and TPH results or safety considerations. One confirmation sample will be taken on each of the excavation's four sidewalls. Based on the final configuration of the excavation, Mittelhauser's geologist will determine the number of confirmation samples that must be taken from the bottom of the excavation.

Samples will be collected using the excavator bucket, for safety reasons. The bucket will be used to collect soil from selected locations and then brought to the surface where a sample will be collected. Where possible, the sample will be collected by driving a brass sample tube into the excavated soil, which remains relatively undisturbed in the excavator bucket. If cobbles in the soils do not allow a drive sample to be collected, a sample will be hand troweled into a glass sample jar. Sample logs and an organic vapor analyzer (OVA) will be utilized to screen the soils.

Samples collected during this process will be screened by Mittelhauser's geologist, and selected samples will be delivered to the mobile laboratory for analysis. The samples will be kept in a chilled cooler prior to analysis. Chain of custody protocol will be followed, and the sample containers will be properly labelled.

All sampling equipment will be washed in a non-phosphatic detergent solution and triple rinsed prior to each sampling event.

4.0 STOCKPILE ACTIVITIES

A 5-cy dump truck will be used to transfer the soil from the excavation area to a temporary stockpile area. Prior to placing the soil in a final stockpile, any cobbles will be removed to allow the soils to be used as cold asphalt production aggregate. The separation will be done with a screen "shaker" devise, with a 1-inch screen.

All stockpiles will be placed on Visqueen plastic material, or in concrete aggregate storage bins located at the facility. The final stockpile will be mixed daily utilizing a rubber-tired loader to provide a homogeneous material for cold mix asphalt production.

After the loader has mixed the final stockpile, samples will be taken utilizing hand augers. Ten samples will be collected to verify that the stockpile is homogeneous and acceptable for the asphalt production. Sampling will be in accordance with EPA's Solid Waste 846 (SW-846) random stratified sampling guidelines. Samples will be analyzed for TPH by EPA Method 8015, modified for diesel, and BTEX by EPA Method 8020. If the mixing process appears to be effective, no further samples will be collected. If mixing appears to be ineffective, the loader will continue to mix and homogenize the soil prior to treatment. Following the second mixing effort, a total of five samples will be recovered to evaluate and confirm the homogeneous nature of the soil.

5.0 TREATMENT PROCEDURES

Following excavation, sampling, and stockpiling, IAI will treat the soil. Soil will be treated by mixing the soil material into cold mix asphalt at a predetermined percentage of aggregate material. IAI will treat the soil onsite utilizing existing units at the facility. IAI will monitor the treatment activities; no record keeping is anticipated as the feed material is nonhazardous, and the material produced will be an unregulated product.

Incorporating petroleum hydrocarbon contaminated soil into a cold asphalt mix has been accomplished successfully at regulated projects in Southern California. A recent article edited by William E. Neeley in the November-December 1990 issue of Soils described a project where diesel contaminated soil was incorporated into a cold mix asphalt. Samples of contaminated mix were analyzed for polynuclear aromatic hydrocarbons (PNAH), toxic metals, and aquatic bioassay toxicity and the results indicated no detectable concentrations of PNAHs or metal concentrations that exceeded regulatory standards. In addition, there was a zero mortality rate during the bioassay testing. The project reference is included to demonstrate the regulatory acceptance of this method.

6.0 HEALTH AND SAFETY PLAN

The excavation and sampling activities will be conducted in accordance with the site-specific health and safety plan developed for this project. All excavation and sampling activities are planned to be conducted in Level D personal protective equipment. A copy of the health and safety plan is included as Appendix B.

7.0 REPORT PREPARATION

Following the activities discussed above, Mittelhauser will prepare a draft final report which discusses the history of the project, documents the tasks undertaken to remediate the site, and presents the analytical data. Field work conducted to excavate diesel impacted soils will be detailed, and figures of the excavation progress will be provided. Sampling point information will also be plotted on figures.

The report will include discussions on sampling techniques and the selection of analytical parameters. Analytical data will be presented in tabular form. The location of stockpile sample points, as well as random number data required by SW-846, will be included. If affected soils are left in place, the location will be delineated on figures and the laboratory results will be presented.

The report will include discussions and conclusions section which will advance the argument for placing the site on suspended status. Closure will be requested if all identified hydrocarbon impacted soils are removed.

APPENDIX A

LETTER REPORT

MITTELHAUSER corporation

23272 Mill Creek Drive
Laguna Hills, California 92653
(714) 472-2444

June 27, 1991

Mr. Dwight Beavers
Industrial Asphalt, Incorporated
3200 San Fernando Road
Los Angeles California 90065

SUBJECT: CAC Title 22 Evaluation
Hydrocarbon Impacted Soils
San Bernardino Plant

Dear Mr. Beavers:

Mittelhauser Corporation (Mittelhauser) appreciates the opportunity to provide Industrial Asphalt, Inc. (IAI) with our evaluation of samples recovered at the Industrial Asphalt Plant located in 2340 West Highland Avenue in San Bernardino, California. Previous investigation work conducted by Mittelhauser indicated that soils adjacent to a former diesel fuel tank at the site were impacted by petroleum hydrocarbons. In order to determine whether Industrial Asphalt could handle the hydrocarbon impacted soils as nonhazardous waste, Mittelhauser was retained to perform an evaluation based on California Administrative Code (CAC) Title 22, Article 11 criteria. CAC criteria includes methodology for evaluating the toxicity, corrosivity, ignitability, and other hazardous characteristics of a waste.

Mittelhauser has extensive experience evaluating the toxicity characteristics of similar wastes. We have observed that the criteria related in Article 11 are not exceeded in soils impacted by diesel hydrocarbons at similar or greater concentrations compared to those collected at the Industrial Asphalt site. According to our project experience, Mittelhauser advised that certain Article 11 tests be conducted to confirm the experience of past projects, and to provide confirmatory evidence regarding Title 22 status.

Mittelhauser staff collected a total of 6 samples from the area thought to be most highly impacted by petroleum hydrocarbons at the site. The area was chosen based on previous sample results obtained during investigation activities. Samples previously obtained could not be used for CAC evaluation due to exceeded holding time parameters.

The six samples were collected during backhoe excavation activities. Cobbles in subsurface soils did not allow drive samples to be collected. Samples were instead collected by driving the collection device into relatively undisturbed soil brought to the surface in a backhoe bucket. Every attempt was made to collect samples with minimal headspace, to ensure proper retention of volatile constituents. The samples were immediately sealed, labelled, and stored in a cooler chilled with chemical ice. Three splits of each sample were obtained to provide undisturbed samples for bioassay and volatile extractions.

Samples were delivered to a California certified laboratory, Pace Analytical of Irvine, California, on the sample collection date, and extractions for volatile hydrocarbons were accomplished. One set of samples was analyzed for Total Recoverable Petroleum Hydrocarbons (TRPH) to screen for further testing. The 4 most elevated TRPH sample results ranged from 254 to 18,240 ppm (mg/kg). These TRPH impacted samples Mittelhauser sample numbers 1979, 1980, 1981, and 1983), were subjected to further analyses to provide Title 22 evaluation data.

Sample splits were forwarded to MBC Applied Environmental Services, of Costa Mesa, California, for 96-Hour Acute Aquatic Toxicity Bioassays. The samples were tested and passed the bioassay toxicity test with 95% or greater survival results. Title 22 criteria requires a 50% or better survival rate. The sample test criteria and methodology utilized by MBC are included in Appendix A.

Sample numbers 1979, 1980, 1981, and 1983 were also analyzed for volatile organics by EPA method 8240 to provide evaluation information regarding constituents that might be listed on "Lethal-Dose 50" (LD-50) health standards. Title 22 criteria for toxicity includes an evaluation of such constituents, based on a summation of LD-50 standards, applied to an existing threshold limit. Sample results of EPA 8240 analyses were all nondetectable. Based on the diesel-hydrocarbon character of the soils, and our experience with similar soils, Mittelhauser believes that no further hydrocarbon testing is necessary. Laboratory results are contained in Appendix B.

The same 4 samples were also analyzed for Total Metals constituents, for the metals referenced in Title 22. None of the metals were present at concentrations which were hazardous when compared to the "Total Threshold Limit Concentrations" (TTLC) in Title 22, and none were present at ten times the concentrations listed for "Soluble Threshold Limit Concentrations". No further metal evaluation is required regarding these samples. Laboratory results are contained in Appendix B.

The 4 samples referenced above were also tested for pH by EPA method 9040/9045 to evaluate corrosivity, and for flashpoint by EPA method 1010 to evaluate ignitibility. Results for all 4 samples were within Title 22 guidelines. Sample results are contained in Appendix B.

Mittelhauser cannot warrant that the samples collected are representative of hydrocarbon impacted soils present near the former diesel tank, due to the difficulty of representing subsurface conditions with limited investigation methods. Mittelhauser personnel did, however, collect and process such samples in accordance with the professional standards currently practised, and believes, based on our previous investigation efforts, that the samples collected are representative.

Mittelhauser Corporation, based on past experience with soils with similar or greater amounts of diesel hydrocarbon impact, and the evidence provided by laboratory analyses and fish bioassay testing, has evaluated the samples referenced above. It is our opinion that Industrial Asphalt can self-certify that the materials are nonhazardous according to California Administrative Code, Title 22, Section 66696, Article 11. If these samples are representative of the soils impacted by hydrocarbons in the area of the former underground diesel storage tank, then it is Mittelhauser's opinion that Industrial Asphalt can self-certify that the the soils are nonhazardous, according to the regulations referenced above.

Mittelhauser Corporation appreciates the opportunity to provide environmental services to Industrial Asphalt. We hope that the evaluation presented above satisfies Industrial Asphalt's

needs in this matter. Please call me at (714) 587-2159 or Terry Jensen at (714) 587-2111 if you have any questions regarding this estimate.

Sincerely,

MITTELHAUSER CORPORATION

Timothy A. Lester, R.E.A.
Senior Geologist

E. Terry Jensen, R.G., R.E.A.
Geoscience Services Manager

TAL:eaa
1445RF

Attachments

APPENDIX B

HEALTH AND SAFETY PLAN

SITE SAFETY PLAN

1. GENERAL INFORMATION

SITE: INDUSTRIAL ASPHALT

OBJECTIVE: Site Remediation Work Plan

LOCATION: 2340 West Highland Avenue, San Bernardino, CA 92405

PLAN PREPARED BY: Eric J. Conard DATE: 9/11/91

APPROVED BY: E. Terry Jensen DATE: 9/13/91

E. Terry Jensen DATE: 9/13/91
Health and Safety Officer

PROPOSED DATE OF INVESTIGATION: _____

OVERALL HAZARD: Serious:____ Moderate:_____
Low: X Unknown:_____

SITE HEALTH AND SAFETY OFFICER Stanley G. White

ALTERNATE HEALTH AND SAFETY OFFICER _____

2. SITE DESCRIPTION

FACILITY DESCRIPTION: Asphalt production plant (active)

Past Waste Handling Methods (type and location):_____

Unusual Site Features: (dike integrity, power lines, terrain, etc.)
Hot Oil Heater, Conveyor to Dryer, Dryer and an Electrical Substation

Status: (active, inactive, unknown) Active

Previous Agency Action: None

Site Map Attached: Yes X No____ (Figures 1 & 2)

WORK PLAN: See Work Plan

3. WASTE CHARACTERISTICS

WASTE TYPE(S): Liquid____Solid__X__Sludge____Gas____

CHARACTERISTIC(S): Corrosive____ Ignitable____ Radioactive ____
Volatile __X__ Toxic ____ Reactive ____
Unknown ____ Other (Name) ___

CHEMICAL CONTAMINANTS: List chemical contaminants that have been identified on site or are suspected of being present on-site, their concentrations (if known), and the environmental media in which they are/may be present. Attach an appropriate material safety data sheet (MSDS) for each listed chemical contaminant for hazardous property information.

CHEMICAL	IDENTIFIED OR SUSPECTED (I) (S)		ENVIRONMENTAL MEDIA (ENTER CODE)	MEASURED CONCEN-TRATION	EXPOSURE LIMITS
Petroleum Distillates	I		So	34,600 ppm	300 ppm (PEL)
Asphalt Fumes	S	(low probability	So	Unknown	5mg/m3 (TLV)

Code for environmental media:

S1	-	Sludge	So	-	Soil
GW	-	Ground water	A	-	Air
SW	-	Surface water	Other	-	Other
LW	-	Liquid waste			

Has the site been adequately characterized to the best of your knowledge? Yes X No ____

4. HAZARD EVALUATION

List all activities in the Task Description Column and assign a number to each activity. Identify the potential hazards associated with each task using the hazard categories listed at the bottom of the Table. Describe how each hazard category exists for each task.

Task Number	Task Description	Hazards
#1	Excavate Soil	M,E,C,N
#2	Sampling	M,E,C,N
#3	Mix Soil	M,E,C,N

Hazard Categories: Mechanical, Electrical, Chemical, Temperature, Noise, Radioactive, Confined Space, Biohazard

Identify procedures to mitigate all hazards listed in the above table by placing the task number next to the appropriate mitigating measure. Listing of standard procedures is not inclusive. A specific procedure must be entered to mitigate each hazard identified in the above table.

Activity List Number	Mechanical Hazards
1,2,3	Do not stand near heavy equipment.
1,2,3	Verify that all equipment is in good condition.
1,2,3	Appropriate guards must be used if equipment has potentially hazardous moving parts.
1,2,3	Consult SHSO if other mechanical hazards exist.

Electrical Hazards

1	Locate and mark buried utilities before digging.
1	Utilities located by: on
1,3	Maintain at least 10-foot clearance from overhead power lines.
N/A	Contact utility company for minimum clearance from high voltage power lines.
1	If unavoidably close to buried or overhead power lines, have power turned off, with circuit breaker locked and tagged.
N/A	Properly ground all electrical equipment.
N/A	Avoid standing in water when operating electrical equipment.
N/A	If equipment must be connected by splicing wires, make sure all connections are properly taped.
N/A	Be familiar with specific operating instructions for each piece of equipment.

Chemical Hazards

1,2,3	Use personal protective equipment indicated in Section 5.
1,2,3	Conduct direct reading air monitoring to evaluate respiratory and explosion hazards (list instrument, action level, monitoring location, and action to be taken in Section 6).
N/A	Consult SHSO for personal air monitoring.

Temperature Hazards

Heat Stress

N/A	When temperature exceeds 70 degrees F, take frequent breaks in shaded area. Unzip or remove coveralls during breaks. Have cool water or electrolyte replenishment solution available. Drink small amounts frequently to avoid dehydration. Count the pulse rate for 30 seconds as early as possible in the rest period. If the pulse rate exceeds 110 beats per minute at the beginning of the rest period, shorten the work cycle by one-third.

Cold Stress

N/A Wear multilayer cold weather outfits. The outer layer should be of wind-resistant fabric.

N/A 0 degrees to -30 degrees F total work time is 4 hours. Alternate 1 hour in and 1 hour out of the low-temperature area. Below -30 degrees F, consult industrial hygienist.

N/A Drink warm fluid. Provide warm shelter for resting. Use buddy system. Avoid heavy sweating.

Noise Hazards

1,3 Use earplugs or earmuffs when noise level prevents conversation in normal voice at distance of three feet.

N/A Use hand signals.

O2 Deficiency - Confined Space Hazards

Confined spaces include trenches, pits, sumps, elevator shafts, tunnels, or any other area where circulation of fresh air is restricted or ability to readily escape from the area is restricted. Consult SHSO and Corporate Health and Safety Policy prior to entering confined space. If confined space entry is required the attached confined space entry checklist must be completed (Attachment).

Obtain permit for confined space entry

N/A Monitor O_2 and organic vapors before entering. If the following values are exceeded, do not enter.

- O_2 less than 19.5 percent or greater than 25%.
- Total hydrocarbons greater than 5 ppm above background, if all air contaminants have not been identified.
- Concentrations of specific contaminants exceeding action level in Section 6 if all air contaminants are identified.

N/A Monitor O_2 and organic vapors continuously while inside confined space. If values cited in Table 6-1 are exceeded, evacuate immediately. Record instrument readings.

N/A At least one person must be on standby outside the confined space who is capable of pulling workers from confined space in an emergency.

N/A Use portable fans or blowers to introduce fresh air to confined spaces whenever use of respirator is required.

N/A Work involving the use of flame, arc, spark, or other source of ignition is prohibited within a confined space unless a hot work permit is obtained.

Radiation Hazards

N/A If radiation meter indicates 2 mR/hr or more, leave the area and consult SHSO.

Biohazards

N/A Poison oak, poison ivy.
N/A Infectious waste.
N/A Rabid animals.
N/A Ticks, mosquitoes, and other insects (disease carriers or poisonous).
N/A Avoid breathing dust in dry desert or central valley areas (valley fever).
N/A Biological or animal laboratories.

5. PERSONAL PROTECTIVE EQUIPMENT

Place the task number or "All" (for all tasks) from Section 4 next to each item or personal protective equipment required for that task.

LEVEL: _____A _____B _____C All D

COMMENTS

_____

_____

HEAD

ALL HARDHAT

EYE/FACE

1,3 SAFETY GLASSES OR
_____ GOGGLES
_____ FACE SHIELD

HAND

_____ NEOPRENE OR
_____ VITON
_____ NITRILE(preferable)
_____ UNDERGLOVE
_____ PVC 2
_____ OTHER _____

BODY

_____ Full encapsulating Suit:
_____ Two-piece rainsuit, material =
_____ One-piece splash suit, material=
_____ Tyvek suit (without hood)
_____ Hooded tyvek suit
_____ Hooded tyvek/polyethylene suit
ALL Cloth coveralls
_____ High visibility vest
_____ Other_____

RESPIRATORY

_____ SCBA (Open circuit, pressure demand):
_____ Full-face respirator, cartridge =
X Half-mask respirator, cartridge = Organic vapor (with HEDA filter cartridge if site unpaved).
_____ Other_____

EAR

1,3 Earplug, type = 3M
_____ Earmuff, type =

FOOT

ALL Steel toed boots,
_____ Disposable overboots,
_____ Chemical resistant steel-toed boots with steel toe and shank.

OTHER SAFETY EQUIPMENT

	Traffic cones		Lifeline harness
X			
	Barrier tape		Ventilation blower/fan
	Blast alarm		Radiation Dosimeter
	Ground fault circuit interrupter		

6. MONITORING EQUIPMENT AND ACTION LEVELS

The scheduled work activities on the site are organized to permit continuous air monitoring during critical operations. A list of monitoring equipment and the corresponding action levels are present in Table 6-1.

TABLE 6-1
MONITORING EQUIPMENT AND ACTION LEVELS

INSTRUMENT	ACTION LEVEL	ACTION
OVA	100 ppm in breathing zone.	Resp w/ organic cartridge.

Attachment includes directions for direct reading use and calibration procedures for the above instruments. Copies of the instrument manual are maintained in the instrument cases and can be used to perform daily calibration and troubleshooting.

7. WORK ZONE DELINEATION AND SITE CONTROL

Describe locations of exclusion zone, contamination reduction zone, support zone and other control procedures. Indicate zone locations on site map if included.

N/A - Waste is not hazardous

8. DECONTAMINATION PROCEDURES

Personnel Decontamination:

N/A

Equipment Decontamination:
Sample rings will be washed in an Alconox solution and triple rinsed between sampling events.

9. INVESTIGATION-DERIVED MATERIAL DISPOSAL

Decontamination Solutions: Discharge wash water to ground

Protective Clothing:
Drill Cuttings: N/A
Other: N/A

10. SAFETY AND SANITATION EQUIPMENT LOCATIONS

Toilet facilities: On site

Drinking water supply: On site

Safety Shower/EyeWash: On site
First Aid Kit: On site
Fire Extinguisher: In van and on site
Other:

11. COMMUNICATIONS

Emergency Hand Signals:

Signal	Meaning
Hand gripping throat	Out of air, can't breathe
Grip partner's wrist or both hands around waist	Leave area immediately
Hand on top of head	Need assistance
Thumbs up	OK, I am all right, I understand
Thumbs down	No, negative

Emergency Signal:

Location of Telephone(s): On site

12. EMERGENCY TELEPHONE NUMBERS

Facility Emergency Number (Control Room) _____
Facility Emergency Coordinator:
Name: _____ No: _____
Facility Public Affairs Manager:
Name: Dwight Beavers No: (818) 781-6080
Project Manager
Name: Brian Finnell Work: (714) 587-2132 Home:
Health and Safety Officer
Name: Stan White Work: 587-2118 Home:

Police: 911
Ambulance: 911
Fire Department: 911
Hospital:
Poison Control Center: 1-800-346-5922
Others:

13. EMERGENCY ROUTES

Figure 3 is a map indicating the most direct route from the site to the nearest hospital emergency room.

14. CONTINGENCY PLANNING

Evacuation Procedures:

In case of a fire, explosion, or similar emergency that might endanger workers, the workers shall evacuate up-wind and up-hill from the site of the incident. As soon as personnel are safely away, the incident should be reported to Fire Department at 911.

Emergency Procedures:

In the event of a serious accident, fire or other emergency, the Site Health and Safety Officer or other person shall immediately notify Dwight Beavers as described above. Ambulance, fire department, hospital and other emergency telephone numbers are listed in Section 12.

Standard emergency procedures described below will be followed by all contractor and sub-contractor personnel. The SHSO shall be notified of any on-site emergencies and be responsible for ensuring that appropriate procedures are followed.

Personnel Injury in the Exclusion Zone:

If an injury occurs in the Exclusion Zone, the SHSO or other person will evaluate the nature of the injury to determine if first aid should be immediately applied to the injured person in the Exclusion Zone or he should be decontaminated and moved to the Support Zone. If appropriate, the proper response to an injury may allow relaxation of routine safety procedures, especially Exclusion Zone entry and exit procedures. If an ambulance is required, notify ____Fire Department_ at_____911_____ No one shall reenter the Exclusion Zone until the cause of the injury or symptoms is determined.

Personnel Injury in the Support Zone:

If an injury occurs in the Support Zone, the SHSO or other person will apply first aid as appropriate. If an ambulance is required, notify _____Fire Department____at___911_____. Closure activities will stop until the cause of the injury is removed or minimized.

Fire/Explosion:

If a fire or explosion occurs, personnel shall evacuate the area in the direction away from the incident that will put distance between themselves and the incident without passing through smoke or closer to the incident. As soon as all personnel are safely away, the incident shall be reported to ____ Emergency _____at__ 911 _____.

Personal Protective Equipment Failure:

If any worker experiences a failure or alteration of personal protective equipment that affects the protection factor, that person and his buddy shall immediately leave the Exclusion Zone. Reentry shall not be permitted until the equipment has been repaired or replaced.

Other Equipment Failure:

If any other equipment fails to operate properly, the SHSO shall be notified to determine the effect of the failure on continued operation. If the failure affects the safety of personnel or prevents completion of the closure tasks, all personnel shall leave the Exclusion Zone until the situation is evaluated and appropriate actions are taken.

Whenever an emergency results in evacuation of the Exclusion Zone, personnel shall not reenter until:

1. The conditions which caused the emergency have been corrected.

2. The hazards have been reassessed.

3. The Site Safety Plan has been reviewed.

4. Site personnel have been briefed on any changes in the Site Safety Plan.

Site Conditions Exceed the Level of Personal Protective Equipment:

If site conditions exceed the criteria of the current level of personal protective equipment, operations will cease and the site will be temporarily evacuated until site conditions return to normal. If conditions rapidly return to background, site activities will recommence using the same level of personal protective equipment. If conditions do not return to background within one to two minutes, the site will be evacuated and the level of personal protective equipment to be used will be re-evaluated.

Confined Space Emergencies:

At least one employee will stand by on the outside of the confined space ready to give assistance. At least one other employee must be within sight of call of the standby employee. An effective means of communication between employees inside a confined space and a standby employee shall be provided and used whenever the use of respiratory protective equipment or whenever employees inside a confined space are out of sight of the standby employee(s). All affected employees shall be trained in the use of such communication system and the system shall be tested before each use to confirm its effective operation.

At least one person trained in first aid and cardiopulmonary resuscitation (CPR) shall be immediately available whenever the use of respiratory protective equipment is required.

When possible entry will be through the top opening which requires that the safety belt be of the harness type that suspends a person in an upright position. Also a hoisting device or other effective means must be provided for lifting employees out of the space.

15. SAFETY PROCEDURES

All contractor and sub-contractor field personnel must comply with the following safety procedures. Any person who does not comply with these procedures as established by the Site Health and Safety Officer may be subject to dismissal from the site.

1. Eating, drinking, chewing gum or tobacco, smoking or any practice that increases the probability of

hand-to-mouth transfer and ingestion of material is prohibited in any area designated as contaminated.

2. Through synergistic effects, medicine and alcohol are known to be able to accent the affects from exposure to toxic chemicals. Prescription drugs should not be taken by personnel where the potential for contact with toxic substances exist, unless specifically approved by a qualified physician. Alcoholic beverage intake is prohibited during the work day.

3. Each field team member must be fit-tested for respirators. Excessive facial hair which interferes with the proper fit of respiratory equipment is prohibited.

4. Work zones for various operational activities will be established as described in Section 7.0. Work zones and decontamination procedures will be established based on prevailing site conditions, and they are subject to change. Boundaries of the zones will be clearly marked. The number of people and amount of equipment in the Exclusion Zone should be minimized, consistent with effective site operations.

5. Proper decontamination procedures and procedures for entering and leaving the Exclusion Zone will be followed. Disposable Tyvek coveralls or other designated protective clothing will be worn in the Exclusion Zone to minimize the risk of cross-contamination. Street clothes will not be worn in the Exclusion Zone except when covered by Tyvek coveralls.

6. Prior to any excavation or drilling, the location of underground piping and wiring shall be reviewed with the facility/site supervisor in charge. No such work shall be started until all hazards involved have been discussed and understood.

7. Contact with contaminated or potentially contaminated surfaces should be avoided. Whenever possible, do not walk though puddles, mud, or any discolored ground surface; do not kneel on the ground, lean, sit or place equipment on drums, containers, vehicles or on the ground.

8. Contact lenses will not be permitted at the site. Employees will be fitted with spectacle kits for use with full-face respirators when necessary.

9. Air monitoring will be continuously conducted during the field testing.

10. All personnel must comply with established safety procedures. No personnel will be admitted to the site without the proper safety equipment.

11. Any medical emergency supersedes routine safety requirements.

12. All non facility employees shall follow the Safety Action Plan established by the facility for contractors performing work on-site.

16. PROJECT PERSONNEL TRAINING AND PLAN DISTRIBUTION RECORD

Contractors, subcontractors:

Site specific training will include a general discussion of the site, site operations history, risks associated with specific tasks described in Section 4, levels of personal protection equipment, and work zone delineation.

In addition, all project staff must sign, indicating they have read and understood the Site Safety Plan. A copy of this Safety Plan must be made available for their review and readily available at the job site.

Employee Name	Date of 40-hour Hazmat or Other applic. Safety & Health Training	Date Distributed	Signature
Stanley White	August 1990		

A copy of this Site Safety Plan shall be provided to contractors and subcontractors who may be affected by activities covered under the scope of this Site Safety Plan. All contractors and subcontractors must comply with applicable OSHA, EPA, and local government rules and regulations.

Firm Name	Contact Person	Date Distributed

17. HEALTH AND SAFETY MEETINGS

After the initial site specific training, a brief Tailgate Safety Meeting is required as deemed necessary by the Site Health and Safety Officer. A copy of the form is included as Attachment A .

18. MEDICAL SURVEILLANCE

Employees Covered:

All professional employees shall be covered under a detailed medical surveillance program. This program may be provided under contract with an occupational or industrial health center. This program shall be performed by a licensed occupational physician and shall consist of a detailed clinical history including:

- Past medical history,
- Social history,
- Family history,
- Occupational history and review of known problems.

Testing of each employee includes:

- Detailed physical examination,
- Diagnostic laboratory work-up,
  - -- Complete blood count with differential
  - -- RBC morphology
  - -- Blood chemistry
  - -- Blood lead
  - -- Cholinesterase (plasma and RBC)
  - -- PCB level
  - -- Urinalysis
- Pulmonary function test (FEV1, FVC)
- Feces examination (hemoccult method)
- Chest radiography,
- Electrocardiography,

- Vision testing,
  -- Vision acuity
  -- Visual field examination
  -- Color screening

- Audiometry

Special testing is also provided dependent upon employee assignments, potential exposure and other information.

Frequency of Medical Examinations:

Medical examinations shall be conducted:

- prior to employment to ascertain the state of health of the employee,

- annually,

- at termination of employment, and

- as soon as possible upon notification by an employee or his supervisor that the employee has had an an accident or has developed signs or symptoms indicating possible exposure to hazardous substances.

Written Options:

All employees shall be provided with a detailed report of their medical examination. This report is sent directly from the center to the employee's home. The employer is provided a written opinion of the state of health, employee fitness in relation to performing the task normally assigned to the employee's position and whether the employee can wear PPE including all types of respiratory protection.

Recordkeeping:

All medical surveillance records are maintained at the center in accordance with 29 CFR 1910.20.

19. RECORDKEEPING

OSHA recordkeeping requirements shall be followed in all recordable injuries. These include all work related illness, fatality, and injury which requires medical treatment or involves loss of consciousness, restriction of work or motion, or transfer to another job. Applicable forms to be used (as necessary) include:

- OSHA No. 200 report
- Injury/illness investigation report
- Medical authorization
- Return to work notice

Copies of these forms are presented in Attachment .

In the event of any such incident mentioned above, the contractor's Health and Safety Officer shall be called to the site to investigate and review the issues and to provide appropriate interface between the contractor, the client, and any jurisdictional agency including OSHA, Cal-OSHA, etc.

All records are maintained for 30 years including:

- injury reports,
- personnel exposure records
- medical records, and
- other project records

ATTACHMENT A

TAILGATE SAFETY MEETING SIGN-OFF SHEET

TAILGATE SAFETY MEETING SIGN-OFF SHEET

The following persons have attended a prework Health and Safety meeting addressing the specific hazards of this project:

	NAME (Print)	DATE	COMPANY	SIGNATURE
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				

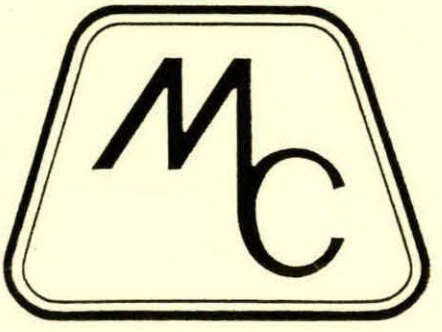
SITE REMEDIATION REPORT

Prepared for:

INDUSTRIAL ASPHALT
SAN BERNARDINO, CALIFORNIA

Prepared by:

MITTELHAUSER CORPORATION
LAGUNA HILLS, CALIFORNIA



ENVIRONMENTAL
HEALTH SERVICES
92 AUG -6 PM 2:04

JULY 1992

PROJECT NUMBER: 1792-03

SITE REMEDIATION REPORT

Prepared for:

INDUSTRIAL ASPHALT
SAN BERNARDINO, CALIFORNIA

Prepared by:

MITTELHAUSER CORPORATION
LAGUNA HILLS, CALIFORNIA

JULY 1992

PROJECT NUMBER: 1792-03

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APPENDIX B LABORATORY RESULTS

Report Entitled:

SITE REMEDIATION REPORT
Mittelhauser Corporation Job # 1792-03
July 1992

Prepared For:

Dwight Beavers
Vice President - Technical
Industrial Asphalt

Prepared By:

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Project Geologist
Mittelhauser Corporation

Under the direction of:

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Senior Geologist
Mittelhauser Corporation

MITTELHAUSER CORPORATION
23272 Mill Creek Drive
Suite 300
Laguna Hills, California

SECTION 1.0

INTRODUCTION

1.0 INTRODUCTION

This report has been prepared by Mittelhauser Corporation (Mittelhauser) to document activities completed to remediate hydrocarbon impacted soil in the vicinity of a former diesel tank at the Industrial Asphalt Incorporated (IAI) facility in San Bernardino, California. Remediation activities discussed in this report include:

1. Excavation of hydrocarbon affected soil in the vicinity of a former diesel tank.
2. Sampling and analysis of excavation to confirm removal of affected soil.
3. Crushing and mixing excavated material.
4. Sampling and analysis of excavated soil to confirm adequate homogenization.
5. Incorporation of excavated soil into the production of cold mix asphalt.

Remediation activities discussed in this report were conducted in accordance with the approved Site Remediation Work Plan dated September 1991.

1.1 SITE DESCRIPTION

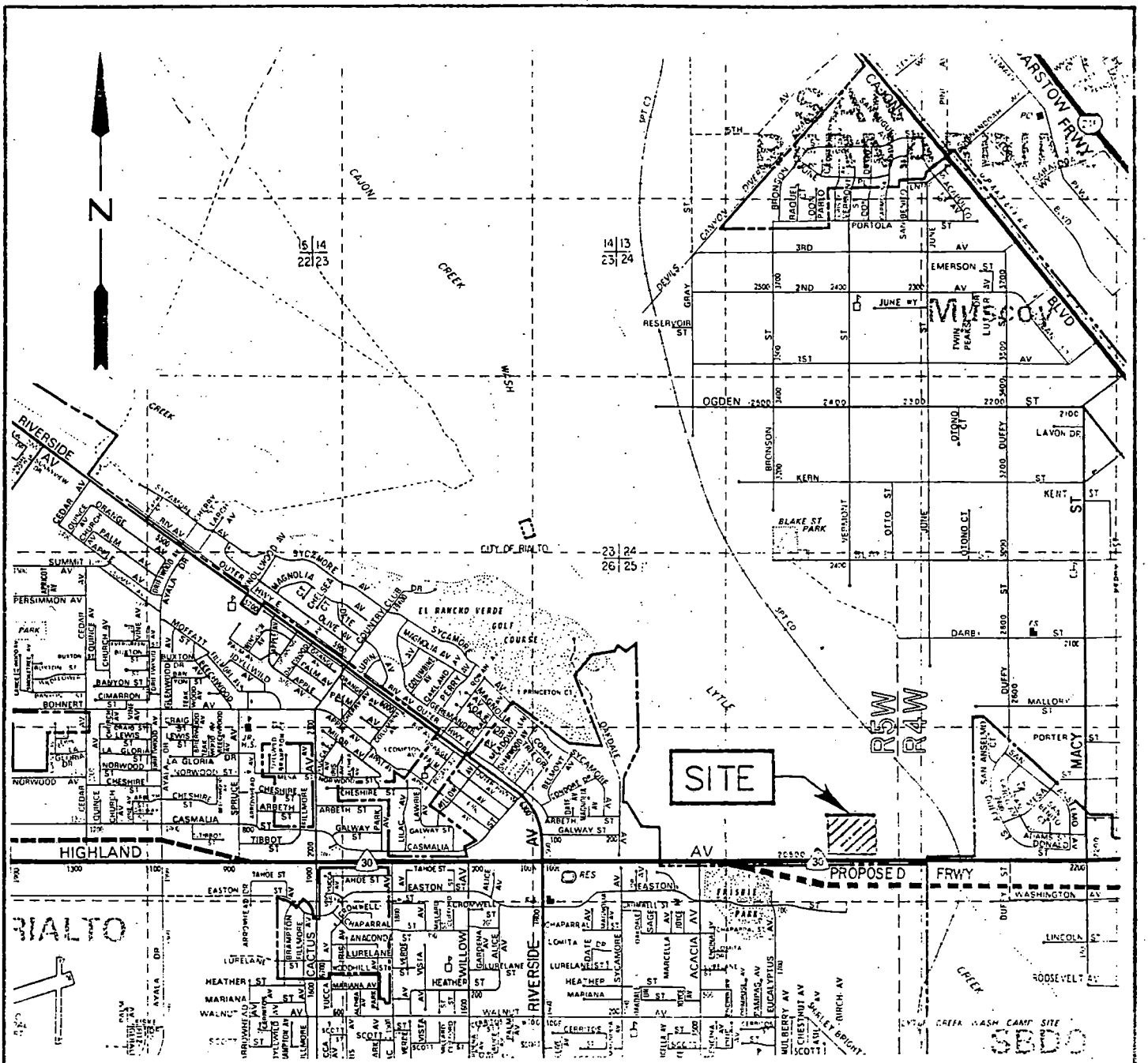
The rectangular shaped site is located at 2340 West Highland Avenue in San Bernardino, California, and is

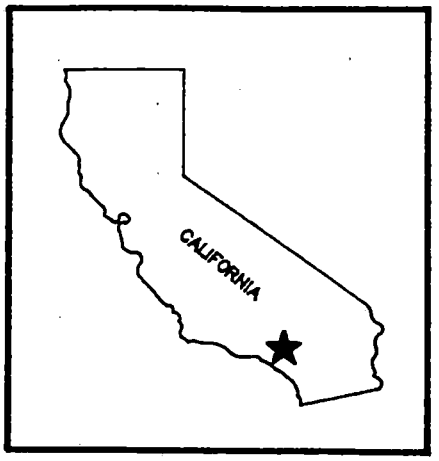
approximately 2 acres in size. In general, the area is characterized as a broad flood plain created by the seasonal flooding of Lytle Creek. The site is bounded on the east by a levee for the Lytle Creek Channel, on the north by vacant land, on the west by an active sand and gravel plant, and on the south by Highland Avenue. The location of the site is shown on Figure 1-1.

The site is currently occupied by an active asphalt producing batch plant. Structures on the site consist of steel bunkers for raw materials along the north side, pumps, conveyor, dryer and mixing equipment to the west, and a sacking house, scale house, and scales along the east side of the site. Figure 1-2 shows the site plot plan.

1.2 GEOLOGIC SETTING

The subject site is situated near the central portion of the San Bernardino Valley. The San Bernardino Mountains border the valley to the north and east, and the San Gabriel Mountains form a border along the northwest margin of the valley. The San Andreas fault separates the San Bernardino Mountains from the San Bernardino Valley to the south and the San Gabriel Mountains to the west.



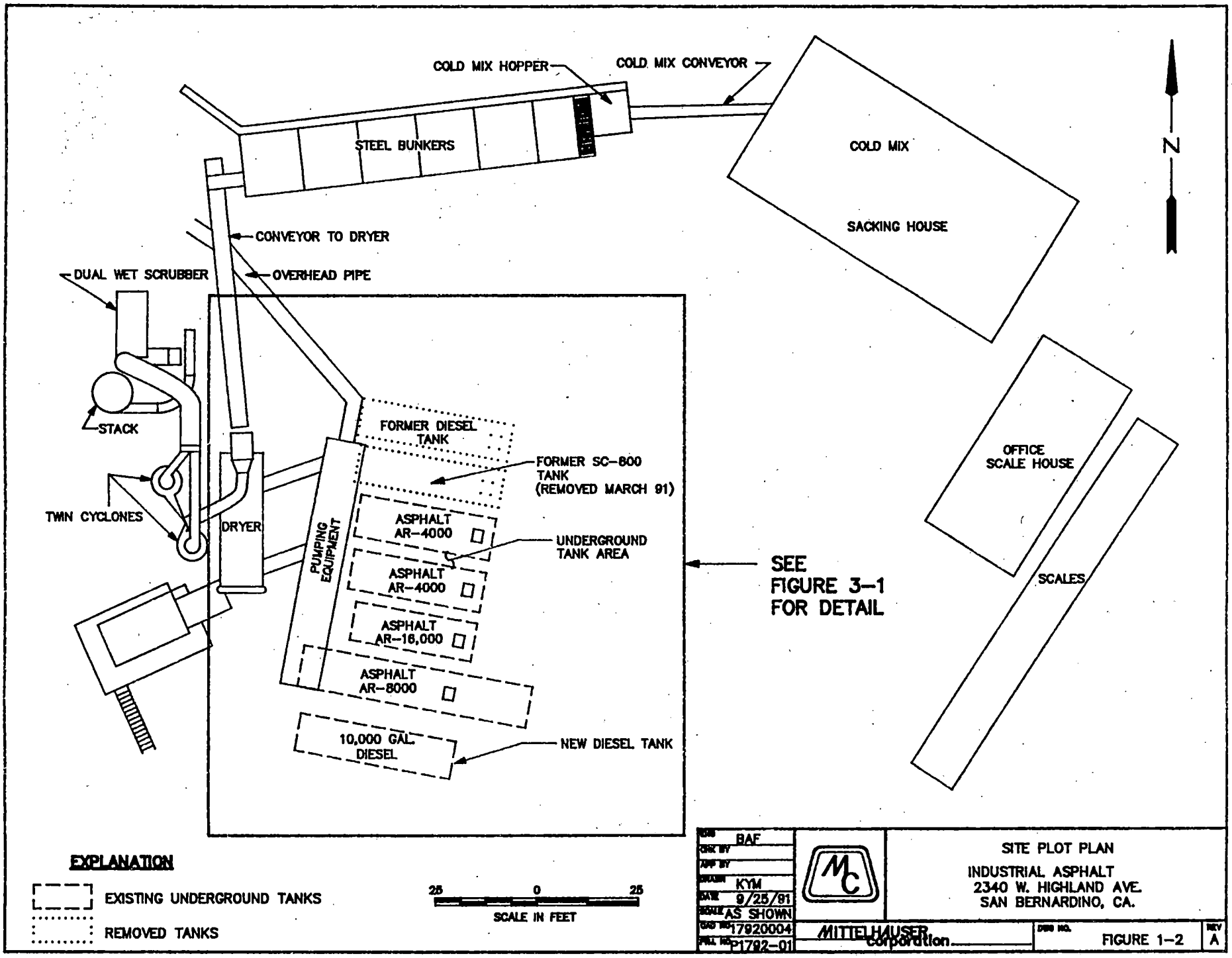


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DSN BY	SGW	SITE LOCATION MAP
CHK BY		INDUSTRIAL ASPHALT
APP BY		2340 W. HIGHLAND AVE.
DRAWN	KYM	SAN BERNARDINO, CA.
DATE	7/14/92	
SCALE	AS SHOWN	
CAD NO.	14450001	
FILE NO.	P1445-01	

MITTELHAUSER Corporation

DWG NO. FIGURE 1-1 REV 0


COLD MIX HOPPER
COLD MIX CONVEYOR
STEEL BUNKERS
COLD MIX
SACKING HOUSE
N
CONVEYOR TO DRYER
DUAL WET SCRUBBER
OVERHEAD PIPE
STACK
TWIN CYCLONES
DRYER
PUMPING EQUIPMENT
FORMER DIESEL TANK
FORMER SC-800 TANK (REMOVED MARCH 91)
ASPHALT AR-4000
ASPHALT AR-4000
ASPHALT AR-16,000
ASPHALT AR-8000
UNDERGROUND TANK AREA
10,000 GAL. DIESEL
NEW DIESEL TANK
SEE FIGURE 3-1 FOR DETAIL
OFFICE SCALE HOUSE
SCALES
EXPLANATION
EXISTING UNDERGROUND TANKS
REMOVED TANKS
25 0 25
SCALE IN FEET
DWN BAF
CHK BY
APP BY
DRAWN KYM
DATE 9/25/91
SCALE AS SHOWN
CAD NO. 17920004
FILE NO. P1792-01
SITE PLOT PLAN
INDUSTRIAL ASPHALT
2340 W. HIGHLAND AVE.
SAN BERNARDINO, CA.
MITTELHAUSER Corporation
DWG NO. FIGURE 1-2
REV A

The San Bernardino Valley is a depositional basin created as a result of tectonic forces exerted during the early formation of the surrounding mountains. Alluvium was deposited in the valley in the Pliocene epoch and the Quaternary period. In the early Pliocene epoch, well-sorted sandstones and bedded shales were deposited in fresh water lakes present on the floor of the ancestral valley. During the late Pliocene epoch, streams flowing from the north eroded and transported sediments eroded from the mountains into the valley creating extensive flood plains. In the Quaternary period, additional sediments were eroded from the surrounding mountains and deposited in the valley. These deposits can be seen on the valley floor today in the form of alluvial fans, river terraces, and sand dunes.

The drainage in the San Bernardino Valley is characterized by a series of small streams formed by coalescing creeks at the base of the mountains, which flow into the Santa Ana River. The Santa Ana River is a braided river system that flows toward the southwest and exits the valley near the Riverside County line. The two primary water sources for the valley are watershed runoff from the mountains and annual rainfall. The natural drainage characteristics of the valley have been changed by the continued population growth and development in the valley.

1.3 BACKGROUND

The IAI facility currently utilizes underground storage tanks (USTs) to store hot liquid asphalt material and diesel fuel. The location of the tanks is shown on Figure 1-2. The single diesel tank located at the site was recently replaced. During its removal, discolored soil was noted in the tank excavation and samples were collected and analyzed for petroleum hydrocarbons. The analytical results indicated that long - to medium-chained hydrocarbons were present in the soil.

Mittelhauser completed soil borings in the area of the removed tank and investigated the areal extent of affected soils. In addition, soil samples from these borings were chemically characterized and Mittelhauser prepared and submitted a Site Assessment Report to the San Bernardino Department of Health Services (SBDHS). In the report Mittelhauser recommended that due to the presence of site structures, a limited excavation program be initiated, and affected soils be removed to the extent practicable. Details of the investigation are presented in the Site Assessment Report, dated January 1991.

Six samples of the affected soil, in the vicinity of the former diesel tank, were taken and evaluated to determine if IAI could handle the soil as nonhazardous. A letter report outlining

the sampling procedures and analytical results is presented in Appendix A. The soil was evaluated based on Title 22, California Code of Regulations (CCR), Article 11 criteria. The samples were analyzed for total recoverable petroleum hydrocarbons (TRPH), by Environmental Protection Agency (EPA) Method 418.1; volatile organics by EPA Method 8240; total metals for the metals referenced in Title 22 CCR; pH by EPA Method 9040/9045; flashpoint by EPA Method 1010, and 96-hour acute aquatic toxicity bioassays. Based on the analytical results and Mittelhauser's evaluation, IAI has elected to self-certify the soils as nonhazardous according to Title 22 CCR, Section 66696, Article 11.

In September 1991, Mittelhauser prepared and submitted a remediation work plan to the SBDHS in preparation for initiating remediation activities recommended in the Site Assessment Report. The remediation work plan detailed the excavation of the former diesel tank area; outlined confirmation sampling procedures and analytical methods; and discussed sample handling and disposal methods of the excavated soil. The work plan was conditionally approved by the SBDHS on October 31, 1991.

1.4 REPORT ORGANIZATION

This report addresses the removal of approximately 1,700 cubic yards (cy) of petroleum hydrocarbon affected soil. The

report is divided into the following sections, Section 2.0 presents the cleanup criteria; Section 3.0 describes the cleanup activities completed for the removal and sampling of the hydrocarbon affected soil; Section 4.0 presents the analytical results of samples collected from the excavation and the stockpile; Section 5.0 summarizes the conclusions; and Section 6.0 documents the limitations of this Site Remediation Report.

SECTION 2.0

CLEANUP CRITERIA

2.0 CLEANUP CRITERIA

The cleanup levels for TRPH, TPH, diesel, benzene, toluene, xylenes, and ethylbenzene are presented in the Site Assessment Report approved by the SBDHS. The cleanup levels for these constituents are based on the Site Leaking Underground Fuel Tank (LUFT) Criteria maximum allowable level for each constituent. The cleanup levels identified for the site are:

Constituent	Cleanup Level (ppm)
TRPH (418.1)	1,000
TPH (modified for diesel)	10,000
Benzene	1
Toluene	50
Xylenes	50
Ethylbenzene	50

The above-referenced cleanup levels were compared with the analytical results of samples recovered from the diesel tank excavation to confirm the removal of diesel affected soil.

SECTION 3.0

CLEANUP ACTIVITIES

3.0 CLEANUP ACTIVITIES

To cleanup the hydrocarbon affected soil in the vicinity of the former diesel tank, IAI implemented a limited excavation program recommended in the Site Assessment Report and following the procedures outlined in the approved Site Remediation Work Plan of September 1991. The cleanup criteria presented in Section 2.0 were used to determine if affected soil had been removed from the tank area. The cleanup activities were completed by IAI between February 25 and February 28, 1992.

Soil samples were collected from the excavation and analyzed to confirm the removal of the affected soil. In addition, samples of stockpiled soil from the excavation were also collected and analyzed to further characterize the soil for incorporation into cold mix asphalt produced at the facility.

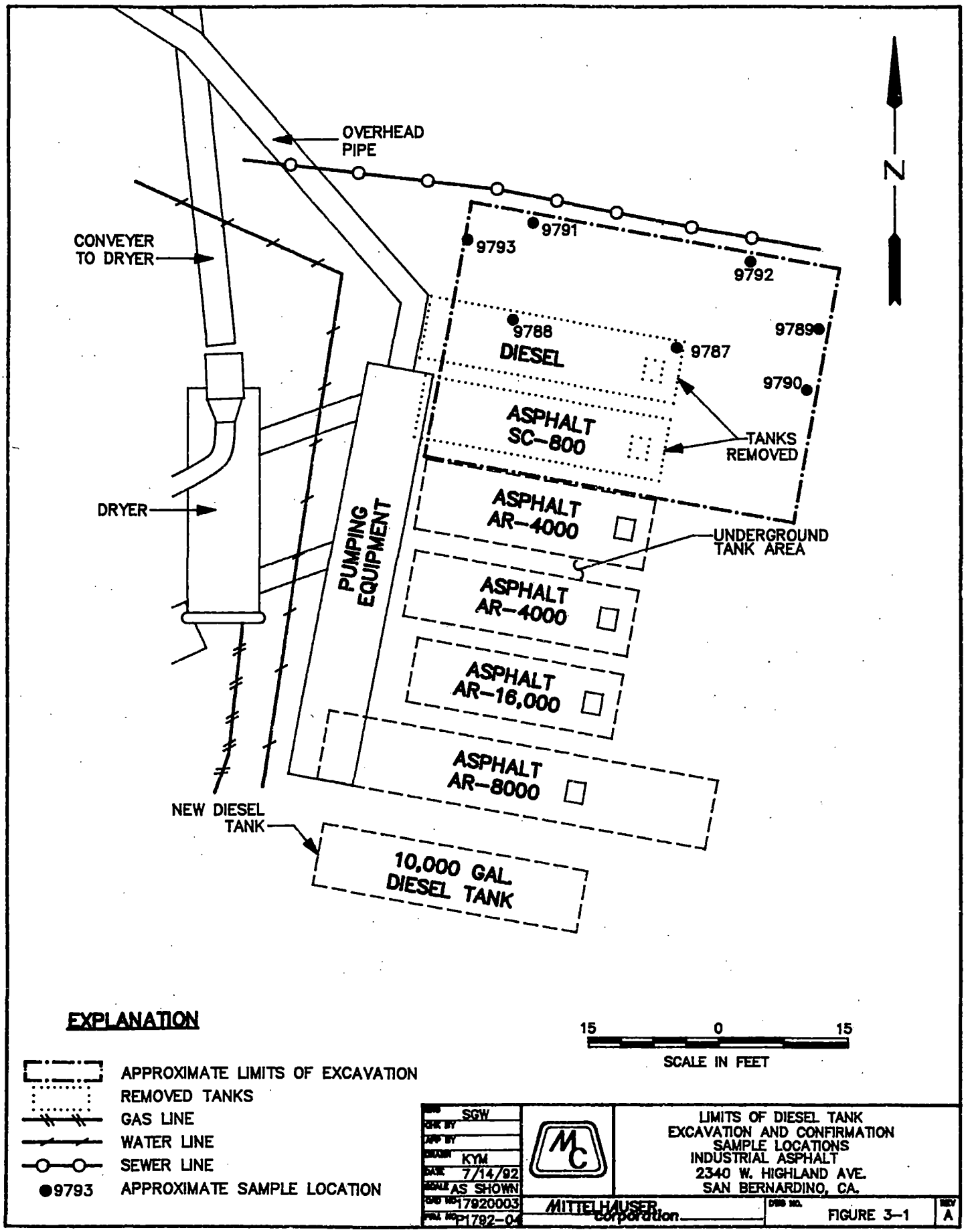
3.1 EXCAVATION ACTIVITIES

In preparation for initiating the limited excavation program, Mittelhauser provided the SBDHS with the required 5 day advance notification. Remediation activities conducted in the vicinity of the former diesel tank were observed by representatives from Mittelhauser and the SBDHS.

Hydrocarbon affected soil in the vicinity of the former diesel tank was removed with a Gradall excavator. The excavation continued until all visually stained soil had been removed or until the excavation approached the limits of safety for the dryer unit structure to the west, and a water line to the north, and the AR-4000 tank to the south of the excavation. The south wall of the excavation was sloped away from the bottom of the AR-4000 tank to provide a margin of safety for the structure of the tank. Therefore, no further excavation was completed in this area. A front end loader and two 10-wheel dump trucks were used to transport the excavated soil to a stockpile located near the northeast corner of the site. The stockpile was placed on and covered each day with Visqueen to prevent the introduction of hydrocarbons into the surrounding environment. The limits of the excavation are shown on Figure 3-1. The location of the stockpile is shown on Figure 3-2.

3.2 SAMPLING PROCEDURES

This section presents the procedures for collecting confirmation soil samples from the excavation and stockpile sampling to confirm homogenization of the excavated material.



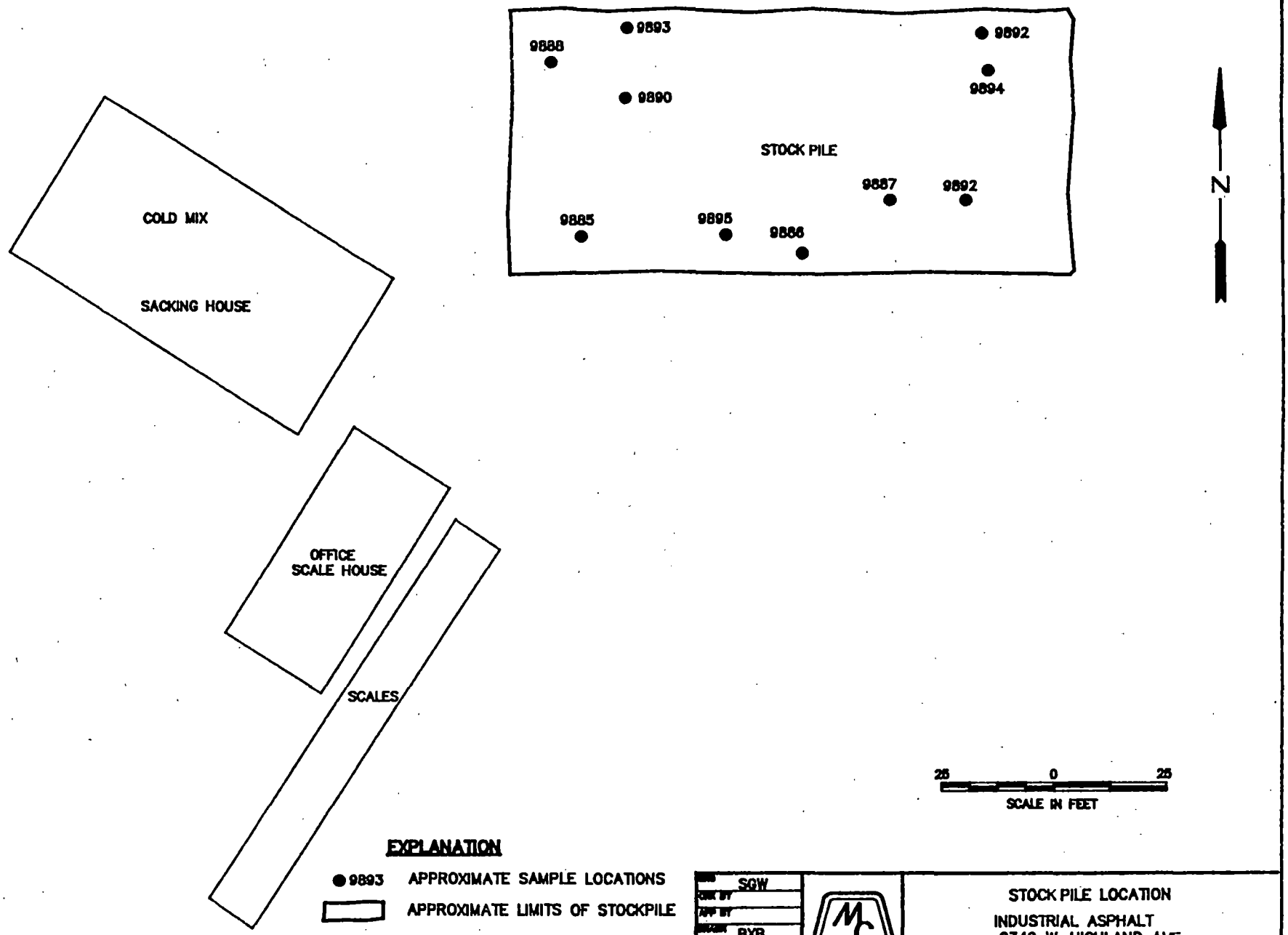
DRN BY	SGW
CHK BY	
APP BY	
DESIGN	KYM
DATE	7/14/92
SCALE	AS SHOWN
CAD NO.	17920003
PROJ NO.	P1792-04

LIMITS OF DIESEL TANK EXCAVATION AND CONFIRMATION SAMPLE LOCATIONS
INDUSTRIAL ASPHALT
2340 W. HIGHLAND AVE.
SAN BERNARDINO, CA.

MITTELHAUSER corporation

DRG NO. FIGURE 3-1

REV A



DRAWN	SGW
CHK BY	
APP BY	
DRAWN	BXB
DATE	7/14/92
SCALE	AS SHOWN
CAD NO.	17923004
FILE NO.	P1792-04

STOCK PILE LOCATION

INDUSTRIAL ASPHALT
2340 W. HIGHLAND AVE.
SAN BERNARDINO, CA.

MITTELHAUSER Corporation

DWG NO. FIGURE 3-2

REV A

3.2.1 Former Diesel Tank Excavation

Upon completing the removal of the hydrocarbon affected soil in the vicinity of the former diesel tank, seven confirmation soil samples were collected from the bottom and the sidewalls of the excavation. Sample Numbers 9797 and 9788 were collected from the bottom of the excavation, 9789 and 9790 from the east side wall, 9791 and 9792 from the north sidewall, and Sample 9793 was collected from the west side wall. The locations of the confirmation samples were selected by a representative of the SBDHS and Mittelhauser, based on the size of the excavation and soil representative of the exposed excavation surface. The approximate locations of the confirmation samples are shown on Figure 3-1.

The confirmation soil samples were collected using the Gradall bucket for safety reasons. The bucket was used to recover soil from the selected locations and then bring it to the surface for sampling. Samples were collected from the bucket using a hand trowel, and were placed in glass sample jars with Teflon-lined caps, properly labeled, and delivered to the mobile laboratory for analysis. Chain of custody protocol was followed during the handling and transfer of the samples.

All sampling equipment was washed in a non-phosphatec detergent solution and triple-rinsed prior to each sampling event.

3.2.2 Stockpile

To prepare the hydrocarbon affected material for use in the production of cold mix asphalt, a crusher was used to homogenize the stockpile. Rock, soil, and other material generated during the excavation were crushed to a maximum size of approximately 0.75-inches and stockpiled. Samples were taken to verify adequate homogenization per the approved work plan.

On May 7, 1992, 10 samples were collected from the stockpiled material for analysis. To identify the stockpile sample locations, a numbered grid with 6.5- by 6-foot rectangles was superimposed on the 45-foot by 113-foot stockpile and 10 sample locations were selected by randomly generated numbers corresponding to the stockpile grid numbers. The selected grid coordinates are shown on Table 3-1. A 980 Cat front-endloader and a shovel were used to collect samples from the stockpile. Samples of the affected material were placed in 8-ounce glass jars with Teflon-lined caps, properly labelled, and placed in a chilled ice chest for delivery to a California state-certified laboratory for analysis. The stockpile sample locations are shown on Figure 3-2.

All sampling equipment was washed in a non-phosphatec detergent solution and triple-rinsed prior to each sampling event.

TABLE 3-1

STOCKPILE SAMPLE
GRID NUMBERS

Sample Number	Sample Grid Number
9885	21
9886	110
9887	132
9888	26
9890	45
9891	152
9892	166
9893	47
9894	167
9895	71

SECTION 4.0

ANALYTICAL RESULTS

4.0 ANALYTICAL RESULTS

This section presents the analytical results of the tank excavation confirmation and stockpile samples.

4.1 FORMER DIESEL TANK EXCAVATION

Seven soil samples, recovered from the bottom and sidewalls of the former tank excavation, were analyzed for TRPH (EPA Method 418.1); TPH (LUFT Manual Diesel Method); and benzene, toluene, ethylbenzene, and total xylenes (BTEX) (EPA Method 8020), to confirm the removal of hydrocarbon affected soil in the vicinity of the former diesel tank. The analytical results of the confirmation samples are presented in Table 4-1. The laboratory reports and associated chain of custody forms are presented in Appendix B. The analytical results indicate that the concentrations of all constituents for all samples, with the exception of Sample 9793, were below the respective detection limits. Sample 9793 had benzene, toluene, and xylenes concentrations of 0.006 mg/kg, 0.013 mg/kg, and 0.009 mg/kg, respectively, well below the cleanup levels.

TABLE 4-1
CONFIRMATION SAMPLE
ANALYTICAL RESULTS

Sample No.	Depth (ft.)	Benzene EPA 8020 mg/kg	Toluene EPA 8020 mg/kg	Ethylbenzene EPA 8020 mg/kg	Xylenes EPA 8020 mg/kg	TPH Extractable CA DHS (1) mg/kg	TRPH Recoverable EPA 418.1
9787	32	< 0.005	< 0.005	< 0.005	< 0.005	< 10	< 5
9788	32	< 0.005	< 0.005	< 0.005	< 0.005	< 10	< 5
9789	23	< 0.005	< 0.005	< 0.005	< 0.005	< 10	< 5
9790	15	< 0.005	< 0.005	< 0.005	< 0.005	< 10	< 5
9791	16	< 0.005	< 0.005	< 0.005	< 0.005	< 10	< 5
9792	15	< 0.005	< 0.005	< 0.005	< 0.005	< 10	< 5
9793	25	0.006	0.013	< 0.005	0.009	< 10	< 5

1. Luft Manual Diesel Method

4.2 STOCKPILE

Ten samples of the hydrocarbon affected material were recovered from the stockpile and analyzed for BTEX (EPA Method 8020) to verify homogenization of the stockpiled material. The analytical results of the samples recovered from the stockpile are presented in Table 4-2. The laboratory reports and associated chain of custody forms are presented in Appendix B. The analytical results of the stockpile sampling indicate the stockpile was homogenized.

TABLE 4-2
STOCKPILE SAMPLE
ANALYTICAL RESULTS

Sample No.	Depth (ft.)	Benzene EPA 8020 mg/kg	Toluene EPA 8020 mg/kg	Ethylbenzene EPA 8020 mg/kg	Xylenes EPA 8020 mg/kg	TPH Extractable CA DHS (1) mg/kg
9885	3	< 0.005	0.01	< 0.005	0.008	1400
9886	8	< 0.005	0.005	< 0.005	< 0.005	1400
9887	6	< 0.005	0.006	< 0.005	< 0.005	1300
9888	9	< 0.005	< 0.005	< 0.005	0.006	1900
9890	2	< 0.005	0.02	< 0.005	0.019	2400
9891	1	< 0.005	< 0.005	< 0.005	< 0.005	1900
9892	5	< 0.005	0.008	< 0.005	< 0.005	1700
9893	2.5	< 0.005	0.012	< 0.005	0.009	2000
9894	1	< 0.005	0.006	< 0.005	0.005	230
9895	8	< 0.005	0.009	< 0.005	0.006	2800

1. Luft Manual Diesel Method

SECTION 5.0

CONCLUSIONS

5.0 CONCLUSIONS

Mittelhauser has evaluated the data in association with the completion of remediation activities at IAI's San Bernardino facility. The conclusions regarding the remediation of hydrocarbon affected soil identified in the location of the former diesel tank are presented below:

1. Hydrocarbon affected soil, within the limits of safety for surrounding structures and utility lines has been removed from the area of the former diesel tank.

2. Hydrocarbon affected soil from the former diesel tank location was excavated, processed, and sampled according to the recommended procedures and criteria outlined in the Site Assessment Report and the approved Work Plan.

3. Analytical results of the confirmation samples were below the site cleanup criteria presented in Section 2.0.

4. The stockpiled material was crushed and homogenized.

5. Hydrocarbon affected material excavated from the former diesel tank location is in the process of being incorporated into the production of cold mix asphalt.

6. Remediation activities detailed in the approved Remediation Work plan for the removal of diesel affected soil in the vicinity of the former diesel tank have been completed. Therefore, no further action in this area is recommended.

SECTION 6.0

LIMITATIONS

6.0 LIMITATIONS

This report was prepared solely for the use of Industrial Asphalt Incorporated. The content and conclusions provided by Mittelhauser in this Site Remediation Report are based on information collected during remediation, which may include, but is not limited to, visual site inspections, interviews with site owner, regulatory agencies and other pertinent individuals, subsurface exploration and laboratory testing of soil and our professional judgment based on said information at the time of preparation of this document. Any subsurface sample results and observations presented herein are considered to be representative of the area of investigation; however, geological conditions may vary between borings or excavations and may not necessarily apply to the general site as a whole. If future subsurface or other conditions are revealed which vary from these findings, the newly revealed conditions must be evaluated and may invalidate the conclusions of this report.

This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information contained herein is brought to the attention of the appropriate regulatory agencies, where required by law. Additionally, it is the sole responsibility of the owner to properly dispose of any hazardous materials left onsite, in accordance with existing laws and regulations.

This report has been prepared in accordance with generally accepted practices using standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. Mittelhauser is not responsible for the accuracy of information which is provided by other individuals or entities and used in this report. This report presents our professional judgment based upon data and findings identified in this report and the interpretation of such data based upon our experience and background, and no warranty, either express or implied, is made. The conclusions presented are based upon the current regulatory climate and may require revision if future regulatory changes occur.

APPENDIX A

LETTER REPORT

MITTELHAUSER corporation

23272 Mill Creek Drive
Laguna Hills, California 92653
(714) 472-2444

June 27, 1991

Mr. Dwight Beavers
Industrial Asphalt, Incorporated
3200 San Fernando Road
Los Angeles California 90065

SUBJECT: CAC Title 22 Evaluation
Hydrocarbon Impacted Soils
San Bernardino Plant

Dear Mr. Beavers:

Mittelhauser Corporation (Mittelhauser) appreciates the opportunity to provide Industrial Asphalt, Inc. (IAI) with our evaluation of samples recovered at the Industrial Asphalt Plant located in 2340 West Highland Avenue in San Bernardino, California. Previous investigation work conducted by Mittelhauser indicated that soils adjacent to a former diesel fuel tank at the site were impacted by petroleum hydrocarbons. In order to determine whether Industrial Asphalt could handle the hydrocarbon impacted soils as nonhazardous waste, Mittelhauser was retained to perform an evaluation based on California Administrative Code (CAC) Title 22, Article 11 criteria. CAC criteria includes methodology for evaluating the toxicity, corrosivity, ignitability, and other hazardous characteristics of a waste.

Mittelhauser has extensive experience evaluating the toxicity characteristics of similar wastes. We have observed that the criteria related in Article 11 are not exceeded in soils impacted by diesel hydrocarbons at similar or greater concentrations compared to those collected at the Industrial Asphalt site. According to our project experience, Mittelhauser advised that certain Article 11 tests be conducted to confirm the experience of past projects, and to provide confirmatory evidence regarding Title 22 status.

Mittelhauser staff collected a total of 6 samples from the area thought to be most highly impacted by petroleum hydrocarbons at the site. The area was chosen based on previous sample results obtained during investigation activities. Samples previously obtained could not be used for CAC evaluation due to exceeded holding time parameters.

The six samples were collected during backhoe excavation activities. Cobbles in subsurface soils did not allow drive samples to be collected. Samples were instead collected by driving the collection device into relatively undisturbed soil brought to the surface in a backhoe bucket. Every attempt was made to collect samples with minimal headspace, to ensure proper retention of volatile constituents. The samples were immediately sealed, labelled, and stored in a cooler chilled with chemical ice. Three splits of each sample were obtained to provide undisturbed samples for bioassay and volatile extractions.

Samples were delivered to a California certified laboratory, Pace Analytical of Irvine, California, on the sample collection date, and extractions for volatile hydrocarbons were accomplished. One set of samples was analyzed for Total Recoverable Petroleum Hydrocarbons (TRPH) to screen for further testing. The 4 most elevated TRPH sample results ranged from 254 to 18,240 ppm (mg/kg). These TRPH impacted samples Mittelhauser sample numbers 1979, 1980, 1981, and 1983), were subjected to further analyses to provide Title 22 evaluation data.

Sample splits were forwarded to MBC Applied Environmental Services, of Costa Mesa, California, for 96-Hour Acute Aquatic Toxicity Bioassays. The samples were tested and passed the bioassay toxicity test with 95% or greater survival results. Title 22 criteria requires a 50% or better survival rate. The sample test criteria and methodology utilized by MBC are included in Appendix A.

Sample numbers 1979, 1980, 1981, and 1983 were also analyzed for volatile organics by EPA method 8240 to provide evaluation information regarding constituents that might be listed on "Lethal-Dose 50" (LD-50) health standards. Title 22 criteria for toxicity includes an evaluation of such constituents, based on a summation of LD-50 standards, applied to an existing threshold limit. Sample results of EPA 8240 analyses were all nondetectable. Based on the diesel-hydrocarbon character of the soils, and our experience with similar soils, Mittelhauser believes that no further hydrocarbon testing is necessary. Laboratory results are contained in Appendix B.

The same 4 samples were also analyzed for Total Metals constituents, for the metals referenced in Title 22. None of the metals were present at concentrations which were hazardous when compared to the "Total Threshold Limit Concentrations" (TTLC) in Title 22, and none were present at ten times the concentrations listed for "Soluble Threshold Limit Concentrations". No further metal evaluation is required regarding these samples. Laboratory results are contained in Appendix B.

The 4 samples referenced above were also tested for pH by EPA method 9040/9045 to evaluate corrosivity, and for flashpoint by EPA method 1010 to evaluate ignitibility. Results for all 4 samples were within Title 22 guidelines. Sample results are contained in Appendix B.

Mittelhauser cannot warrant that the samples collected are representative of hydrocarbon impacted soils present near the former diesel tank, due to the difficulty of representing subsurface conditions with limited investigation methods. Mittelhauser personnel did, however, collect and process such samples in accordance with the professional standards currently practised, and believes, based on our previous investigation efforts, that the samples collected are representative.

Mittelhauser Corporation, based on past experience with soils with similar or greater amounts of diesel hydrocarbon impact, and the evidence provided by laboratory analyses and fish bioassay testing, has evaluated the samples referenced above. It is our opinion that Industrial Asphalt can self-certify that the materials are nonhazardous according to California Administrative Code, Title 22, Section 66696, Article 11. If these samples are representative of the soils impacted by hydrocarbons in the area of the former underground diesel storage tank, then it is Mittelhauser's opinion that Industrial Asphalt can self-certify that the the soils are nonhazardous, according to the regulations referenced above.

Mittelhauser Corporation appreciates the opportunity to provide environmental services to Industrial Asphalt. We hope that the evaluation presented above satisfies Industrial Asphalt's

needs in this matter. Please call me at (714) 587-2159 or Terry Jensen at (714) 587-2111 if you have any questions regarding this estimate.

Sincerely,

MITTELHAUSER CORPORATION

Timothy A. Lester, R.E.A.
Senior Geologist

E. Terry Jensen, R.G., R.E.A.
Geoscience Services Manager

TAL:eaa
1445RF

Attachments

APPENDIX B

LABORATORY RESULTS

1920 E. Deere Ave
Suite 130
Santa Ana
California
92705
Tel 714.757.7022
Fax 714.757.7274

TERRA TECH LABS Inc.

ENVIRONMENTAL TESTING

LABORATORY REPORT

Client:	Mittlehauser Corporation	Report Date:	3/5/92
Client Address:	23272 Mill Creek Drive, Suite 300 Laguna Hills, CA 92653	Lab P.N.:	3021
		Client P.N.:	1792-02
Contact:	Stan White		
Project Name:	Industrial Asphalt	Date Sampled:	2/28/92
Project Address:	N/A	Date Received:	2/28/92
		Date Analyzed:	2/28/92-3/2/92
		Physical State:	Solid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Benzene (EPA 8020)	M	91	39-150	1	0-25
Toluene (EPA 8020)	M	86	46-148	1	0-25
Ethylbenzene (EPA 8020)	M	79	32-160	1	0-25
Xylenes, Total (EPA 8020)	M	82	46-148	1	0-25
TPH, Recoverable (EPA 418.1)	M	99	70-125	1	0-20
TPH, Extractable (CA DHS)	M	99	40-140	4	0-20

M = Matrix Spike / Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by TERRA TECH LABS, Inc. in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Terra Tech Labs, Inc. is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

TERRA TECH LABS Inc.
ENVIRONMENTAL TESTING

LABORATORY RESULTS

Client:	Mittlehauser Corporation	Report Date:	3/5/92
Client Address:	23272 Mill Creek Drive, Suite 300	Lab P.N.:	3021
	Laguna Hills, CA 92653	Client P.N.:	1792-02
Project Name:	Industrial Asphalt	Date Sampled:	2/28/92
Project Address:	N/A	Date Analyzed:	2/28/92-3/2/92
		Physical State:	Solid

Sample ID	Benzene EPA 8020 mg/kg	Toluene EPA 8020 mg/kg	Ethylbenzene EPA 8020 mg/kg	Xylenes, Total EPA 8020 mg/kg	TPH Extractable CA DHS mg/kg
9787	ND	ND	ND	ND	ND
9788	ND	ND	ND	ND	ND
9789	ND	ND	ND	ND	ND
9790	ND	ND	ND	ND	ND
9791	ND	ND	ND	ND	ND
9792	ND	ND	ND	ND	ND
9793	0.006	0.013	ND	0.009	ND
Detection Limit, mg/kg	0.005	0.005	0.005	0.005	10

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TERRA TECH LABS Inc.
ENVIRONMENTAL TESTING

LABORATORY RESULTS

Client:	Mittlehauser Corporation	Report Date:	3/5/92
Client Address:	23272 Mill Creek Drive, Suite 300	Lab P.N.:	3021
	Laguna Hills, CA 92653	Client P.N.:	1792-02
Project Name:	Industrial Asphalt	Date Sampled:	2/28/92
Project Address:	N/A	Date Analyzed:	2/28/92
		Physical State:	Solid

Sample ID	TPH Recoverable EPA 418.1 mg/kg
9787	ND
9788	ND
9789	ND
9790	ND
9791	ND
9792	ND
9793	ND
Detection Limit, mg/kg	5.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

MITTELHAUSER corporation

TTL PROJ # 3021

23272 MILL CREEK DRIVE, SUITE 300
LAGUNA HILLS, CALIFORNIA 92653
(714) 472-2444

CHAIN OF CUSTODY RECORD

PAGE 01 OF 01

PROJECT NUMBER:	PROJECT NAME:
1792-02	INDUSTRIAL ASPHALT

SAMPLED BY: (PRINTED AND SIGNATURE) STAN WHITE

	SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TRPH (EPA 418.1)	CADHS METHOD for TPH as DIESEL	EPA METHOD 8020				PRESERVATIVE	REMARKS: CONTAINER
330	9787	2-28-92	1020	SOIL	DIESEL TANK EXC. E SIDE BOTTOM	1	✓	✓	✓					BRASS SLEEVE
331	9788	"	1042	SOIL	DIESEL TANK EXC. 32' BGS	1	✓	✓	✓					
332	9789	"	1100	SOIL	DIESEL TANK EXC. 23' BGS	1	✓	✓	✓					
333	9790	"	1113	SOIL	DIESEL TANK EXC. 15' BGS	1	✓	✓	✓					
334	9791	"	1121	SOIL	DIESEL TANK EXC. 16' BGS	1	✓	✓	✓					
335	9792	"	1127	SOIL	DIESEL TANK EXC. 15' BGS	1	✓	✓	✓					
336	9793	"	1135	SOIL	DIESEL TANK EXC. 25' BGS	1	✓	✓	✓					

RELINQUISHED BY: (SIGNATURE) STAN WHITE	DATE 2/28/92	TIME as above	RECEIVED BY: (SIGNATURE) Brian K. Kato	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	LABORATORY: TERRA TECH LABS, Inc.
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT: BRIAN KATO	LABORATORY PHONE NUMBER: (714) 757-7022
RELINQUISHED BY: (SIGNATURE)	DATE 2/28/92	TIME as above	RECEIVED FOR LABORATORY BY: (SIGNATURE) Brian K. Kato	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO	

DISTRIBUTION: WHITE, MITTELHAUSER CORPORATION
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PINK, CLIENT
GREEN, PROJECT FILE

REMARKS: Analyses were performed on site by mobile laboratory.

1920 E. Deere Ave.
Suite 130
Santa Ana
California
92705
Tel 714.757.7022
Fax 714.757.7274

TERRA TECH LABS Inc.
ENVIRONMENTAL TESTING

LABORATORY REPORT

Client:	Mittlehauser Corporation	Report Date:	5/15/92
Client Address:	23272 Mill Creek Drive, Suite 300 Laguna Hills, CA 92653	Lab P.N.:	3356
		Client P.N.:	1792
Contact:	Stan White		
Project Name:	Industrial Asphalt	Date Sampled:	5/8/92
Project Address:	N/A	Date Received:	5/8/92
		Date Analyzed:	5/11/92-5/13/92
		Physical State:	Solid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
Benzene (EPA 8020)	M	73	39-150	14	0-25
Toluene (EPA 8020)	M	68	46-148	9	0-25
Ethylbenzene (EPA 8020)	M	62	32-160	8	0-25
Xylenes, Total (EPA 8020)	M	65	46-148	9	0-25
TPH, Extractable (CA DHS)	M	121	40-140	12	0-20

M = Matrix Spike / Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by TERRA TECH LABS, Inc. in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Terra Tech Labs, Inc. is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

TERRA TECH LABS Inc.
ENVIRONMENTAL TESTING

LABORATORY RESULTS

Client:	Mittlehauser Corporation	Report Date:	5/15/92
Client Address:	23272 Mill Creek Drive, Suite 300	Lab P.N.:	3356
	Laguna Hills, CA 92653	Client P.N.:	1792
Project Name:	Industrial Asphalt	Date Sampled:	5/8/92
Project Address:	N/A	Date Analyzed:	5/11/92
		Physical State:	Solid

Sample ID	Benzene EPA 8020 mg/kg	Toluene EPA 8020 mg/kg	Ethylbenzene EPA 8020 mg/kg	Xylenes, Total EPA 8020 mg/kg
9885	ND	0.010	ND	0.008
9886	ND	0.005	ND	ND
9887	ND	0.006	ND	ND
9888	ND	ND	ND	0.006
9890	ND	0.020	ND	0.019
9891	ND	ND	ND	ND
9892	ND	0.008	ND	ND
9893	ND	0.012	ND	0.009
9894	ND	0.006	ND	0.005
9895	ND	0.009	ND	0.006
Quantitation Limit, mg/kg	0.005	0.005	0.005	0.005

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

TERRA TECH LABS Inc.
ENVIRONMENTAL TESTING

LABORATORY RESULTS

Client:	Mittlehauser Corporation	Report Date:	5/15/92
Client Address:	23272 Mill Creek Drive, Suite 300	Lab P.N.:	3356
	Laguna Hills, CA 92653	Client P.N.:	1792
Project Name:	Industrial Asphalt	Date Sampled:	5/8/92
Project Address:	N/A	Date Analyzed:	5/13/92
		Physical State:	Solid

Sample ID	TPH Extractable CA DHS mg/kg	Quantitation Limits mg/kg
9885	1400	80
9886	1400	100
9887	1300	110
9888	1900	85
9890	2400	95
9891	1900	110
9892	1700	80
9893	2000	90
9894	230	70
9895	2800	90

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

MITTELHAUSER corporation

23272 MILL CREEK DRIVE, SUITE 300
LAGUNA HILLS, CALIFORNIA 92653
(714) 472-2444

3355

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER:	PROJECT NAME:
1792	Industrial Asphalt

SAMPLED BY: (PRINTED AND SIGNATURE) LORA R. GETZ Lora R Getz

	SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH 8015 (M Diesel)	BTEX 8020					PRESERVATIVE	REMARKS
11783	9885	05.8.92	1035	Soil	stock pile grid #21-	1	X	X					ICE	request normal
11784	9886		1045		" 110-	1	X	X						T-A-T
11785	9887		1055		" 132-	1	X	X						
11786	9888		1010		" 26-	1	X	X						
11787	9890		1115		" 45-	1	X	X						
11788	9891		1130		" 152-	1	X	X						
11789	9892		1140		" 166-	1	X	X						
11790	9893		1145		" 47-	1	X	X						
11791	9894		1155		" 167-	1	X	X						
11792	9895		1210		" 71-	1	X	X						

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	LABORATORY:
				TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	Terra Tech
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	LABORATORY CONTACT: Ruth	LABORATORY PHONE NUMBER: (714) 757-7022
RELINQUISHED BY: (SIGNATURE) Lora R Getz	DATE 5/8/92	TIME 1430	RECEIVED FOR LABORATORY BY: (SIGNATURE) Ruth Willson	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES ( )NO	

DISTRIBUTION: WHITE, MITTELHAUSER CORPORATION
CANARY, LABORATORY
PINK, CLIENT
GOLD, PROJECT FILE

REMARKS: please send lab results to Stan White mittelhauser corp

ENVIRONMENTAL HEALTH SERVICES

COUNTY OF SAN BERNARDINO
ENVIRONMENTAL
MANAGEMENT GROUP

☑ 385 North Arrowhead Avenue • San Bernardino, CA 92415-0160 • (714) 387-4646
☐ 320 East "D" Street • Ontario, CA 91764 • (714) 391-7570
☐ 15505 Civic Drive • Victorville, CA 92392 • (619) 243-8141
☐ 17830 Arrow Boulevard • Fontana, CA 92335 • (714) 829-6244
☐ 57407 Twentynine Palms Highway • Yucca Valley, CA 92284 • (619) 228-5410
☐ San Bernardino County Vector Control Program
2355 East Fifth Street • San Bernardino, CA 92415-0064 • (714) 383-3200
☐ Environmental Enforcement and Housing
172 West Third Street • San Bernardino, CA 92415-0315 • (714) 387-6512/6515

PAMELLA BENNETT, R.E.H.S.
Director

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Grand Terrace	Twentynine Palms
Hesperia	Upland
Highland	Victorville
Loma Linda	Yucaipa

February 16, 1993

INDUSTRIAL ASPHALT
P.O. BOX 7607
VAN NUYS, CALIFORNIA 91409

ATTENTION: DWIGHT BEAVERS

SUBJECT: INDUSTRIAL ASPHALT, LOCATED AT 2340 W. HIGHLAND AVE., SAN BERNARDINO, CALIFORNIA SITE #90084

This letter confirms the completion of site investigation and remedial action for the underground storage tank at the above site. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is the position of this office that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of the responsibility to clean up existing, additional, or previously unidentified conditions at the site, which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

If you have any questions regarding this matter, please call (909) 387-3041.

Curtis R Brundage, REHS

CURTIS BRUNDAGE, R.E.H.S.
ENVIRONMENTAL HEALTH SPECIALIST II
HAZARDOUS MATERIALS DIVISION
SITE REMEDIATION/LOCAL OVERSIGHT PROGRAM

CB:raa

cc: Sandy Gill, State Water Resources Control Board
Stan White, Mittelhauser Corporation

DATE: 2-24-2020

TANYA MACLEAN

TETRA TECH INCORPORATED

17885 VON KARMAN AVENUE, SUITE 500

IRVINE, CALIFORNIA 92614

T40431

TEXAS ENVIRONMENTAL RESEARCH

126 SCEPTRE DRIVE
ROCKWALL, TEXAS 75032

TEL: (972) 772-4283
FAX: (972) 772-4283

ENVIRONMENTAL LIEN AND OTHER ACTIVITY USE LIMITATIONS (AUL)

SEARCH

THE ATTACHED REPORT IS BEING PROVIDED TO APPLICANT SOLELY FOR THE PURPOSE OF FACILITATING LANDOWNER OR PURCHASE DEFENSES WHICH MAY BE AVAILABLE UNDER THE LIABILITY ACT OF 1980. AS AMENDED IT IS PROVIDED FOR THE SOLE USE AND BENEFIT OF APPLICANT AND MAY NOT BE USED OR RELIED UPON BY ANY OTHER PARTY FOR ANY REASON.

NOTE: THIS SEARCH REPRESENTS SURFACE CONVEYANCES ONLY. TOTAL LIABILITY OF TEXAS ENVIRONMENTAL RESEARCH COMPANY IS LIMITED TO THE AMOUNT PAID FOR THIS REPORT.

THIS REPORT WAS PREPARED FOR THE PURPOSE OF ASSISTING IN AN ENVIRONMENTAL HAZARD INSPECTION OF THE FOLLOWING DESCRIBED PROPERTY.

LEGAL DESCRIPTION

Parcel: 0264-431-15-0000, San Bernardino County, California.

CURRENT OWNER

BBC Properties.

DATE	GRANTOR	GRANTEE	DOCUMENT TYPE
3-17-08	Mary H. McCombs, et al.	BBC Properties	Warranty Deed File No. 0115701

Prepared by Texas Environmental Research on 2-24-2020.

ENVIRONMENTAL LIEN AND AUL SEARCH

AFTER COMPLETING AN ENVIRONMENTAL LIEN AND OTHER ACTIVITY AND USE LIMITATION SEARCH A FINDING THAT NO ENVIRONMENTAL LIENS OR AUL'S HAVE BEEN FILED OF PUBLIC RECORD AND THAT IT HAS BEEN DETERMINED THAT THE PROPERTY RESEARCHED IN THIS REPORT COMPLIES WITH ASTM E 1527-13-SEC. 8.3.4.4 AND SECTION 6.2

THIS REPORT MEETS OR EXCEEDS A.S.T.M. E 1527-13.

STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER

CALMAT CO. SAN BERNARDINO PLANT AGGREGATE MINING OPERATION (T10000010161) - (MAP)

SIGN UP FOR EMAI

NORTH OF E HIGHLAND AVE BRIDGING CAJON WASH AND LYTLE CREEK
MUSCOY, CA 92407
SAN BERNARDINO COUNTY
LAND DISPOSAL SITE (INFO)
PRINTABLE CASE SUMMARY / CSM REPORT

CLEANUP OVERSIGHT /
SANTA ANA RWQCB (RE
CASEWORKER: NOI

Summary | Cleanup Action Report | Regulatory Activities | *Environmental Data (ESI)* | Site Maps / Documents | Community Involvement | *Related Cases*

Regulatory Profile

PRINTABLE CASE SUMM

CLEANUP STATUS - DEFINITIONS
COMPLETED - CASE CLOSED AS OF 2/22/2017 - CLEANUP STATUS HISTORY

FACILITY TYPE
* UNKNOWN

POTENTIAL CONTAMINANTS OF CONCERN
NONE SPECIFIED

POTENTIAL MEDIA OF CONCERN
NONE SPECIFIED

FILE LOCATION

DESIGNATED GROUNDWATER BENEFICIAL USE(S) - DEFINITIONS
MUN, AGR, IND, PROC

DWR GROUNDWATER SUB-BASIN NAME
Upper Santa Ana Valley - San Bernardino (8-002.06)

CALWATER WATERSHED NAME

Site History

No site history available

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CalMat

MARCH 1988

MARCH 1989 (revised)

MAY 1990 (revised)

REVISIONS TO A PLAN FOR RECLAMATION:

SAN BERNARDINO

IN CONFORMANCE WITH SMARA 1975 & 812.0101-812.0140 of DIVISION 12, CHAPTER 1 SAN BERNARDINO COUNTY CODE

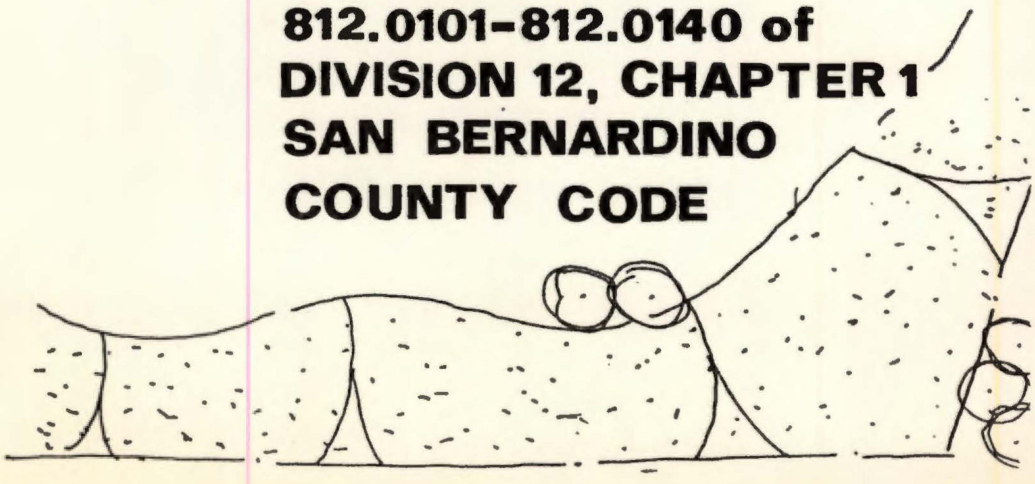


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1.0 Reclamation Plan

INTRODUCTION

The San Bernardino CalMat Co. aggregate mining operation is located north of Highland Avenue in the Cajon/Lytle Creeks wash. The Reclamation Plan design incorporates earlier permit conditions, which cover final pit configuration, slopes and set back requirements.

The CalMat Co. sand and gravel mining operation is approximately 1028 acres in size. Of these, about 909 acres are located within the boundaries of the Cajon/Lytle Creeks 100 year flood plain, as defined by the Federal Emergency Management Agency (FEMA). The remaining 119 acres do not lie within the FEMA 100 year flood plain, but are subject to flood events greater than 100 year storms.

The Reclamation Plan is divided into two parts, based on property ownership. CalMat owns approximately 712 acres, and leases about 316 acres from BBC Properties. The CalMat Co., as the operator, is responsible for the implementation of the Reclamation Plan.

The intent of the Reclamation Plan is to comply with the provisions of San Bernardino County Surface Mining and Reclamation Ordinance and the California Division of Mines and Geology Surface Mining and Reclamation Plan Act of 1975, as amended.

MINING OPERATION

Introduction

Mining of sand and gravel in the Cajon/Lytle Creeks flood plain has been continuous since the early 1900's. Official documents indicate that during the mid 1960's, the Triangle Rock Company obtained permits to mine sand and gravel material, and to produce Portland cement concrete and asphalt concrete. In 1973, the Conrock Company acquired Triangle Rock. In April 1984, Conrock merged with the California Portland Cement Company to form the CalMat Co. Triangle Rock permits obtained for this property were transferred to the CalMat Co., and cover the following areas:

a. Plant Site.

b. Mining in Cajon Wash.

c. Mining in the "Winter Pit" area.

Mining Method

To mine sand and gravel material, a skip loader excavates material and loads it onto hauling trucks. While one truck is being filled, the second truck is transferring its load to the aggregate processing equipment located approximately 3000' from the pit. Each hauling truck makes 40 to 50 round trips per day.

To control dust at the project site, a water truck spreads water and an additive (West Lite 120-p) on the access roads at least four times a day.

Projected annual production is in excess of one million tons per year.

Process Fines

Waste material at the San Bernardino operation consists of approximately 10% silt. The silt is separated from coarser products by washing. The slurry of silt and water is piped to settling ponds, where the silt settles out.

Subsequently the silt is removed from the settling ponds by crane and transferred to stock piles located next to the ponds, where it dewaters. Once dry, the silt is transferred to stock piles located in the winter pit for subsequent use as a soil amendment or as backfill material of previously mined areas.

Production Water Data

The water consumption of the plant averages 280 gallons per minute or 450 acre-feet per year. The water is supplied by the Muscoy Water Company.

The plant recycles 70% of all water used in production. The remaining 30% is used to separate silt from salable aggregate. The wash water flows into settling ponds where it is allowed to percolate and/or evaporate. No chemical additives are added to the water, and the waste water presents no hazard to the environment. Total Dissolved Solids (TDS) are monitored and reported to the Santa Ana Regional Water Quality Board per order number 77-196.

Erosion and Sedimentation Control

Adjacent properties are protected from erosion by slopes and setbacks constructed in accordance with previously approved Mining Permit Conditions as shown on the Reclamation Plan. These conditions allow for deeper mining under the Bonadiman Mine Plan. However for the purposes of this reclamation plan, the final contours of the excavation conform to the equilibrium profile (Redline) of the wash, as developed by Nasland Engineering in their April 1990 report which is appended.

Refer to **Redline Concept for Revised Reclamation Plan for Mining in Lytle Creek/Cajon Creek**, Nasland Engineering, Section 3.1

CalMat Co. may at some later date revise this reclamation plan to provide for deeper mining (Bonadiman Plan) as previously approved. Such revision would be subject to the review and approval by the county.

The Redline concept of excavation limits was developed for Lytle/Cajon Creeks Wash, using the existing or natural longitudinal bed profile as the basis. It represents the approximate elevation (equilibrium profile) toward which the stream channel adjusts. Erosion is minimized since the redline follows a smooth longitudinal profile that closely approximates the equilibrium profile. Following this approach minimizes potential changes of the present stream bed while accommodating sand and gravel mining.

The natural stream bed of Lytle/Cajon Creeks is very broad and generally flat, characteristic of steep braided streams classified in river morphology. Consistent with this natural feature, sand and gravel excavation is extended to wide areas within the property boundaries, subject to smooth transitions between the redline and the property boundaries.

The topography of the final excavation should not affect sediment transport in the stream channel since under the Redline Concept, a smooth longitudinal profile is maintained to facilitate sediment flow.

Storm runoff from a 100 year flood event is confined to the flood plain. It is expected that aggregate will be naturally replenished in the mined areas during major storm events. As the runoff velocities decrease through the mined area of the river bed, aggregate will be deposited. The decrease in runoff velocities are caused by the mild slopes resulting from the mining activities in the flood plain. Such replenishment has occurred historically during both the 1938 and 1969 floods.

Blasting

Blasting is not contemplated for this mining operation.

EXISTING CONDITIONS

Land Use

Land use of the surrounding area consists of residential areas to the west, southwest, and east of the project. The Lytle/Cajon Creeks flood plain occurs northwest, northeast and southeast of the project site. Portions of the flood plain are mined by other companies.

Visibility

The present mining operation is located in a dry river bed. A typical field view from any direction along the property boundary looking toward the wash consists of 40% dry riverbed, 15% flood control structures, 40% chaparral vegetation and 5% man-made litter (not a result of the mining operations). This "typical field of view" represents a view along the property boundary where no mining activities can be seen.

The mining operation typically involves excavating material along the river bed and river banks. Since flood flows tend to cut vertical walls along the banks of the river bed, the excavated topography tends to be similar to the natural topography. Once mining ceases, the slope of the mining area and the present natural dry riverbed slope will be similar. Both the proposed and existing contours slope gently downstream in an southeasterly direction.

In areas where portions of the mining operation can be seen, the typical field of view is slightly changed by the following percentages:

1. Approximately 30% of the present mining operation is visible from the 50' high bluff located along the western boundary of the project.

2. The mining operation is not visible from Highland Avenue along the southern boundary of the project, because of a 20' high landscape berm required as a condition of approval for the Winter Pit operation.

3. Approximately 5% of the operation is visible from a few large rural parcels located along the northeastern boundary of the project.

As the mining operation proceeds northward along the riverbed the visibility conditions are not expected to change.

Vegetation and Wildlife

The vegetation and wildlife of the project site are described in detail in the **Biological Assessment for the CalMat San Bernardino Operation**, February, 1989 and the **CalMat San Bernardino Plant Recommended Revegetation Plan**, May, 1990, both produced by Tierra Madre Consultants, Inc.

Refer to Sections 3.2 and 3.3 for full reports.

Landfill

A landfill, which began operation in the early 1950's and closed before 1955, is present within the Lytle Creek floodway. Strata Technologies Inc. produced a report summarizing the available information on the landfill.

Refer to Section 3.4 for full report.

Geology

The mining operation is located in the northeast portion of the San Bernardino Basin. The basin is bounded by the San Andreas Fault Zone and the San Bernardino Mountains to the north, the Cajon Creek to the northwest, the lower Lytle Creek Ridge to the southwest, and the Cajon Creek Canyon to the southeast. (Dutcher, L.C. and Garrett, A.A., 1963, Geologic and Hydrologic Features of the San Bernardino Area, California: U.S. Geological Survey Water-Supply Paper 1419.).

The San Bernardino Mountain watershed that contributes material to the mining area consists of Mesozoic granitic rocks and Pre-Cambrian igneous and metamorphic rock complexes (Rigors, Thomas H., 1967, San Bernardino Sheet, Geologic Map of California, California Division of Mines and Geology).

The rocks in the Lower Lytle Creek Ridge area consist of granitic rocks (granite and quartz monzonite) of Mesozoic Age.

At the basin edge non-marine sedimentary deposits of Pleistocene Age are exposed along the southwest side of the San Andreas fault. These rocks are designated as Older Alluvium and are overlain by recent alluvial fans (Miller, Fred K., 1979, Geologic Map of San Bernardino North Quadrangle, U.S.G.S. Open File Report 79-770).

The major structural features in the general area are the San Andreas and the San Jacinto fault zones. The Glen Helen Fault has been projected across the northeast corner of the property. Consequently, a portion of the property is within an Alquist-Priolo Special Study zone, a recently active fault zone. (Special Study Zones, Official Maps of the Devore and the San Bernardino Quadrangles, 1974, California Divisions of Mines and Geology).

The surface geology within the property, consists of two types of alluvial deposits. The active river channel alluvium is described as "Unconsolidated alluvium of major drainage channels....alluvium devoid or nearly devoid of vegetation, ranges from coarse boulder alluvium

near mountains to sandy alluvium in valley areas removed from the mountains". The second type is described as "Alluvial fan deposits....Unconsolidated deposits of young coarse alluvium radiating from the mountain fronts. Alluvium ranges from coarse bouldery alluvium near the mountain fronts, to pebbly and cobbly alluvium where it grades into undifferentiated younger alluvium" (Fife, Donald L., et. al., 1976 Geologic Hazards in Southwestern San Bernardino County, California Divisions of Mines and Geology Special Report 113). The alluvium may be as much as 400 feet or greater in thickness near the southeast end of the property.

Hydrology and Ground Water

Rainfall at the mining site averages approximately 17 inches per year with over 70 percent occurring during the four-month period from January through March. Annual extremes at the site have varied form zero to nearly 80 inches.

Within the 162 square-mile area of the combined watersheds of Lytle and Cajon Creeks, elevations rise abruptly, ranging from approximately 2,000 feet at the mining site to over 10,000 feet at Mount San Antonio. The orographic influences of the San Gabriel and San Bernardino Mountains contribute to high intensity precipitation during typical winter storms which frequently last from 1 1/2 to 2 days. Major storms last four days or longer, whereas thunderstorms, with short durations and high intensity precipitation, rarely last more than 3 to 4 hours.

Flood runoff is characterized by high peak discharge of short duration, with much debris, which has formed the Lytle/Cajon Creeks alluvial fan. The largest peak flow of record occurred in February, 1938 when Lytle and Cajon Creeks produced an estimated combined flow at Foothill Boulevard of approximately 30,000 cfs.

Records show that Lytle Creek produced nearly twice the peak flow produced by Cajon Creek in 1938. The values are as follows:

TABLE 1

Station	Drainage Area sq. miles	1938 Peak Discharge in cfs
Lytle Creek near Fontana	47.9	25,200
Cajon Creek near Keenbrook	40.9	14,500

Peak flow records compiled on the two streams show that the streams do not peak through this site simultaneously.

The excavation site lies within the 100-year flood plain as depicted on recent Flood Insurance Rate Maps published by the Federal Emergency Management Agency. The 100-year flood plain boundary, as shown on the Existing Conditions Plan, is presently constrained by the Riverside Avenue Groins, the Island Levee and the San Bernardino Water Works Levee on Lytle Creek, as well as by the Upper and Lower Devore Levee, the Muscoy Groins and the Muscoy Levee on Cajon Creek. The levees were constructed by the U.S. Army Corps of Engineers in the late 1940's as part of the Lytle and Cajon Creeks Flood Control Project.

The 100-year flood plain is also constrained by the Southern Pacific Railroad embankment along the east side of Cajon Creek and along the east side of Lytle Creek below the Cajon Creek confluence.

Cable Creek enters the mining area from the east approximately 0.8 mi. above the confluence of Lytle and Cajon Creeks, and a small, unnamed tributary enters the lower end of the excavation from the east approximately 2,000 feet upstream from Highland Avenue.

Refer to Existing Conditions Plan Map in Section 4.2

The excavation site is located within the Cajon and Lytle Creek Ground Water Basins, which are recharged by percolation from rainfall and from surface flows of Lytle and Cajon Creeks. Most of the recharge occurs during winter runoff periods, particularly during major flood events. Ground water slopes generally follow the trace of the two streams except where interrupted by outcrops or by distortions from concentrated ground water pumping.

The quality of the ground water supply in the vicinity of the excavation site is suitable for all known beneficial uses described in the Basin Plan published by the Regional Water Quality Control Board and the State Water Resources Control Board.

Minimum depths to ground water are depicted on the Existing Conditions Plan Map and are based on records of over 50 wells wells located within 1/4 mile of CalMat property.

Mining activity at the excavation may be constrained from time to time, both by flood flows through the excavation, as well as by excessively high ground water levels during winter and early spring runoff periods. During these periods mining activity will be confined to the "winter-pit", just west of the existing plant site and immediately north of Highland Avenue.

Mining is not expected to significantly influence ground water levels in the adjacent or underlying formations during the winter and spring runoff periods. During the summer and fall months, ground water levels have historically been drawn down below the bottom of the proposed excavation.

No special erosion protection of well sites is anticipated as a result of the mining activity. No significant impacts on water tables are anticipated during the critical summer and fall months of heavy water demand.

The excavation site is located within the principal zones of recharge of the Lytle and Cajon Creek Basins. Given the excavation's adherence to the Redline Concept, which maintains the existing hydrologic regime, it is expected that the excavation will have no adverse impacts on the rate of recharge in those basins.

The mining activity will not introduce any toxic substances, contamination, or otherwise degrade the quality of stream run off or ground water through, beneath or downstream from the site.

The quarrying operation is located several thousand feet downstream from two gaging stations on Lytle and Cajon Creeks (Lytle Creek near Fontana and Cajon Creek near Keenbrook) and the mining activity will have no direct or indirect impact on their operation.

Soils

Soils at the mining site are well graded gravels and gravel-sand mixtures with some fines from 5 to 50 feet below the natural surface elevation (Unified Soil Classification Designation - GW). Below the GW soil layer clayey sands and sand-clay mixtures are present (Unified

Soil Classification Designation-SC). In general the soils in the area have a low run-off potential. The soils have high infiltration rates even when thoroughly wetted. Typically the soils have a high rate of water transmission. It is not anticipated that the mining operation will change the topsoil characteristics.

RECLAMATION

Introduction

The Cajon/Lytle Creek flood plain has experienced significant flooding in 1862, 1938, and 1969. The January 1862 flood was the largest flood event in recorded history of the San Bernardino Valley. There is evidence to suggest that replenishment of previously mined aggregate occurred during 1938 and 1969 floods. Although flood events are not generally predictable, it is believed that the San Bernardino Valley area will experience major flooding within the next decade. Based on the intermittent replenishment of aggregate it is anticipated that the mining operations will continue indefinitely.

Given the expectation that replenishment will occur with some regularity, completion of reclamation cannot be predicted. However, assuming no replenishment and current production rates, mining would be completed in 15 to 20 years.

Phasing

The Reclamation Plan has been divided into two parts, based on property ownership. Area A covers land owned in fee by the CalMat Co. Area B is leased to the CalMat Co. by BBC Properties, who own the land in fee. Areas A & B, although a single mining operation, will be treated separately for the purposes of reclamation phasing.

Area A, about 712 acres in size, is located entirely within the 100 year flood plain of Lytle Creek as defined by FEMA. The total area is devoted to the excavation of sand and gravel material.

Area B consists of approximately 316 acres, of which 197 acres are within the 100 year flood plain and 119 acres are outside the flood plain.

Refer to Phasing Reclamation Plan Map in Section 4.4

The Phasing Plan assumes that the mining operation will continue for another 15 to 20 years, and that no replenishment of sand and gravel material will occur, and upon expiration and/or extension of CalMat's lease with BBC Properties.

Should replenishment occur and/or the lease be extended, the time to reclaim the land would be adjusted accordingly. However, the sequence of reclamation as shown would remain the same.

It is estimated that Phases A-1, B-2 would be reclaimed within two years of plan approval, Phases A-2, B-2 within four years and Phases A-3, B-3 within six years. Reclamation of Phases A-4 through A-6 is dependent on the rate of mining which is market driven. Reclamation would be initiated in each of these phases (A-4 through A-6) prior to mining in the next phase. Reclamation would be initiated in Phase B-4 upon expiration of the lease or cessation of mining.

Adherence to this schedule is dependent on the ability to collect sufficient plant material for revegetation purposes from upstream areas, as recommended by Tierra Madre. It also may be modified by state and federal wildlife management agencies.

Objectives

The CalMat Co. will reclaim mined areas in the flood plain portions of Areas A & B (Phases A-1 through A-6 and B-1 through B-3) to recreate pre-mining conditions, and to leave stable and naturally vegetated

slopes. The portion of Area B (Phase B-4) which is out of the flood plain will be left in a clean condition and graded to drain to Lytle Creek. Slopes will be stabilized by native vegetation.

Specifically, reclamation of Area A and flood plain portions of Area B (Phases A-1 through A-6 and B-1 through B-3) will consist of the following:

1. Upon completion of mining, side slopes will be graded to the approximate contours indicated on the Reclamation Plan. The final contours of the excavation have been designed to match the eventual contours of the wash. Runoff will tend to flow through the quarry similar to natural runoff patterns on alluvial fans, replicating natural hydrologic conditions.

   The stream bed downstream of Redline elevation 1350 shown on the Reclamation Plan will be left at the existing elevations. This area was mined pursuant to the previously approved Bonadiman Plan. These elevations approximate those of the redline concept though some areas are below the redline, particularly near the working face of the

excavation. To provide for natural replenishment of these areas, an area upstream will not be mined. Areas above redline elevation 1350 will be mined to the redline.

Refer to **Reclamation Plan Map** in Section 4.3

2. Pre-mining native plant communities, as identified in the Biologic Assessment, will be planted after grading has been completed pursuant to the Revegetation Plan. The seed mix specified in the Revegetation Plan may be modified by State and Federal wildlife management agencies. The planting will be done in the winter months to take advantage of winter rains.

3. Presently there are no mining operation facilities or structures in this area. Any future facilities or equipment will be removed upon completion of mining.

Reclamation of Area B outside the flood plain (Phase B-4) will consist of the following steps:

1. Upon completion of mining the slopes of this area will be graded to the configuration shown on the Reclamation Plan. The slopes of the area containing process fines will be graded to 2:1 (horizontal to vertical). Grading will be completed within six months following cessation of mining.

2. After grading is completed, the slopes will be revegetated pursuant to the Revegetation Plan

3. All structures related to the processing facility, which includes stockpiles, silt ponds, equipment, offices and worksheds will be removed within one year following lease expiration or when mining operations cease. The area will be graded to conform to the configuration shown on the Reclamation Plan. Silt ponds will be drained, and graded to a level condition. Existing vegetation would be left in place.

Revegetation

The objective of the revegetation plan in the flood plain areas (Phase A-1 through A-6 and B-1 through B-3) is to reestablish native plant communities which have been impacted by mining activities.

Revegetation of the areas will be based on the Revegetation Plan designed by Tierra Madre Consultants and may be subsequently modified by State and Federal wildlife management agencies.

Refer to **CalMat San Bernardino Plant - Recommended Revegetation Plan** in Section 3.3.

The Revegetation Plan specifically recommends the following:

1. Restore natural components of Riversidian alluvial fan sage scrub vegetation to the extent practicable.
2. Restore or retain suitable habitat for endangered plant species.
3. Restore wildlife habitat values to the extent possible, particularly for orange-throated whiptail and San Diego horned lizard.

Riversidian alluvial fan sage scrub is a vegetation type naturally adapted to periodic disturbance by flooding. Other species typical of this plant community seem to require some disturbance in order to maintain suitable habitat conditions. Among the species which are dependent on periodic flooding are the two endangered plants, the slender-horned spineflower and the Santa Ana River woolly-star.

Prior to mining in areas suspected of containing endangered plants, surveys will be conducted as recommended by Tierra Madre in their May 1990 report. Refer to Section 3.3. The protection and restoration of these plants' habitats will be coordinated with those State and Federal agencies having jurisdiction.

Revegetation of Phase B-4 is directed at stabilizing final pit slopes. The seed mixes and planting methods used will be pursuant to the Revegetation Plan.

Cleanup

Clean-up for Areas A and B shall be in compliance with measures previously outlined. However, it should be noted that all equipment directly and indirectly related to the mining processes will be removed when mining is completed.

Landfill

Old and inactive landfill disposal sites are regulated under the California Administrative Code Subchapter 15, the California Water

Code, and SWAT legislation. This legislation delineates environmental testing and monitoring and closure requirements for waste disposal sites. For inactive sites in San Bernardino County, the lead agencies are typically the Regional Water Quality Control Board and the County Department of Environmental Health Services.

The disposition of the landfill located in Area A is subject to the requirements of these agencies. It will be dealt with separately and thus is not addressed by the Reclamation Plan.

Post-Reclamation and Future Mining

After reclamation, the mined area will consist of native plant communities and sandy material. The future use of the property is limited by the local geographic conditions. Over 86% of the mined area is in the 100 year storm flood plain, 12% is presently zoned residential (R-1-10-M) and industrial (M-2-T). Post-reclamation use of the property will be dependent on the land use designation of the General Plan at the time reclamation is complete.

If replenishment occurs in previously mined and/or reclaimed areas, mining may continue in the future.

Slopes and Slope Treatment

Final mining slopes, specified by the Reclamation Plan, were previously approved by the County of San Bernardino. The requirements call for 5:1 slopes for excavations within the flood plain. Slopes of the winter pit which is outside of the flood plain are 2:1 horizontal to vertical.

A report by LeRoy Crandall addressing slope stability is appended.

Refer to Geological Analysis by LeRoy Crandall in Section 3.5.

Silt Ponds

The ponds will be drained and graded to a level condition following cessation of mining. Dewatered silt material may be used to fill portions of, or to provide soil cover for the winter pit.

Drainage and Erosion Control

The final flood plain topography in Area A will be in accordance with the previously approved mining plot plan prepared by Joseph E., Bonadiman and Associates dated 1969 as modified by the Redline Concept prepared by Nasland Engineering April 26, 1990 and appended.

The Redline Concept is proposed to minimize the potential for offsite erosion as discussed earlier. Prior to the development of the Redline, CalMat adhered to the previously approved depths of the Bonadiman plan which are deeper than the Redline. Excavation below the Redline in compliance with the earlier plan has occurred. To compensate for these deeper areas, an unmined area upstream will be left to provide material for infilling during flood events.

The final slope configuration and the wider channel section under the Redline Concept will reduce flow velocities so that deposition of alluvial material will occur while reducing the potential for erosion of lateral slopes.

Public Safety

The pit configuration of the reclaimed mining site is not expected to present a public hazard. Areas A & B will be mined to drain downstream, which will eliminate any potential attractive nuisance that may result from the ponding of water.

Signs will be posted at all dedicated right of ways ending at and directly abutting the project area which will warn the public that the site is a "No Trespassing" area.

All equipment and facilities directly and indirectly related to the mining operation will be removed.

Monitoring and Maintenance

No further monitoring is anticipated once reclamation has been completed.

Reclamation Assurance

The CalMat Company has signed a Notification of Responsibility which obligates the Company to reclaim the site in compliance with the Reclamation Plan as discussed in this document.

* * *

2.0 Supplementary Information

PRELIMINARY REPORT

Order No. 8717502-3

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A Fee

Title to said estate or interest at the date hereof is vested in:

WILLIAM BERK AND FLORENCE J. BERK, TRUSTEES OF THE BERK FAMILY TRUST, DATED SEPTEMBER 27, 1974, AS TO AN UNDIVIDED 1/3 INTEREST, SUBJECT TO ITEM NO. 17 OF SCHEDULE B

RUTH GRADOWITZ BECKER, A WIDOW, AS TO AN UNDIVIDED 1/3 INTEREST AND THEODORE M. COHEN, AS TO AN UNDIVIDED 1/3 INTEREST SUBJECT TO ITEM NO. 18 OF SCHEDULE B AS TO PARCELS 1 AND 2

CONROCK CO. AS TO PARCELS 3 THROUGH 6 INCLUSIVE.

The land referred to in this Report, in the County of San Bernardino, State of California, is described as follows:

SEE LEGAL ATTACHED

PRELIMINARY REPORT

Order No. 8717502-3

LEGAL DESCRIPTION:

PARCEL NO. 1:

THAT PORTION OF LOT 1, BLOCK 1, TRACT NO. 5135, AS PER PLAT RECORDED IN BOOK 64 OF MAPS, PAGES 99 AND 100, RECORDS OF SAID COUNTY, LYING SOUTHERL AND EASTERLY OF A LINE DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE NORTHEASTERLY LINE OF SAID TRACT NO. 5135, 5434.47 FEET NORTHWESTERLY FROM THE MOST EASTERLY CORNER OF SAID TRACT; THENCE FROM SAID POINT OF BEGINNING SOUTH 45 DEGREES 00' 00" WEST, TO THE INTERSECTION WITH A LINE THAT BEARS DUE SOUTH FROM THE MOST EASTERLY CORNER OF THAT PARCEL OF LAND LISTED AS PARCEL "A" IN THAT CERTAIN FINAL ORDER OF CONDEMNATION, ACTION NO. 88163, RECORDED MARCH 03, 1961 IN BOOK 5367 PAGE 563, OFFICIAL RECORDS; THENCE FOLLOWING ALONG SAII DUE SOUTH COURSE TO ITS INTERSECTION WITH THE SOUTHERLY LINE OF THAT PARCEL OF LAND DESCRIBED WITHIN PARCEL 410 OF THAT CERTAIN DECLARATION OF TAKING, ACTION NO. 4758-M-CIVIL, A CERTIFIED COPY OF WHICH WAS RECORDED JUNE 03, 1947 IN BOOK 2051 PAGE 470, OFFICIAL RECORDS; THENCE SOUTHWESTERLY, A DISTANCE OF 1,045 FEET, MORE OR LESS, TO A POINT ON THE CENTER LINE OF SYCAMORE AVENUE, WHICH IS 1,567.82 FEET NORTH OF THE CENTE LINE OF HIGHLAND AVENUE, AS SAID HIGHLAND AVENUE IS SHOWN ON THE MAP OF SAID TRACT NO. 5135, SAID POINT BEING THE POINT OF TERMINATION.

EXCEPTING THEREFROM THOSE PORTIONS CONVEYED TO THE STATE OF CALIFORNIA, B DEEDS RECORDED FEBRUARY 24, 1950 IN BOOK 2534 PAGE 138, OFFICIAL RECORDS, JUNE 02, 1950 IN BOOK 2585 PAGE 46, OFFICIAL RECORDS, SEPTEMBER 30, 1957 IN BOOK 4335 PAGE 147, OFFICIAL RECORDS, AND JULY 25, 1966 IN BOOK 6667, PAGES 839 AND 845, OFFICIAL RECORDS.

PARCEL NO. 2:

THAT PORTION OF LOT 1, BLOCK 1, TRACT NO. 5135, AS PER PLAT RECORDED IN BOOK 64 OF MAPS, PAGES 99 AND 100, RECORDS OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTHEASTERLY LINE OF SAID TRACT NO. 5135, 5434.47 FEET NORTHWESTERLY FROM THE MOST EASTERLY CORNER OF SAID TRACT; THENCE NORTHWESTERLY ALONG THE NORTHEASTERLY LINE OF TRACT NO. 513 TO THE MOST NORTHERLY CORNER OF LOT 115, AS SHOWN ON THE MAP OF THE LANDS OF THE SEMI-TROPIC LAND AND WATER COMPANY, AS PER PLAT RECORDED IN BOOK 6 OF MAPS, PAGE 12, RECORDS OF SAID COUNTY; THENCE SOUTHERLY ALONG THE WESTERLY LINE OF SAID LOT 115 TO ITS INTERSECTION WITH THE NORTHERLY LINE OF THAT PARCEL OF LAND LISTED AS PARCEL "A" IN THAT CERTAIN FINAL ORDER O CONDEMNATION, ACTION NO. 88163, RECORDED MARCH 03, 1961 IN BOOK 5367 PAGE 563, OFFICIAL RECORDS; THENCE SOUTHERLY ALONG THE NORTHERLY LINE OF SAID PARCEL "A" TO THE MOST EASTERLY CORNER THEREOF; THENCE DUE SOUTH TO A POINT WHICH BEARS SOUTH 45 DEGREES 00' 00" WEST FROM THE POINT OF BEGINNING; THENCE NORTH 45 DEGREES 00' 00" EAST TO THE POINT OF BEGINNING.

PARCEL NO. 3:

THAT PORTION OF SECTIONS 23, 24 AND 25, TOWNSHIP 1 NORTH, RANGE 5 WEST,

SAN BERNARDINO MERIDIAN, AS THE LINE OF THE GOVERNMENT SURVEY MAY BE EXTENDED ACROSS THE SURVEY OF THE RANCHO MUSCUPIABE, IN THE COUNTY OF SAI BERNARDINO, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 7, PAGE 23 (MAPS, RECORDS OF SAID COUNTY, AND A PORTION OF LOTS 31 AND 33, POPE, TALBOT AND PIERCE SUBDIVISION, AS PER MAP RECORDED IN BOOK 11, PAGE 38 OI MAPS, RECORDS OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE NORTHEASTERLY LINE OF LOT 1, BLOCK 1 TRACT NO. 5135, AS PER MAP RECORDED IN BOOK 64, PAGES 99 AND 100 OF MAPS, RECORDS OF SAID COUNTY, AND THE NORTHERLY LINE OF HIGHLAND AVENUE; THENCE NORTH 44 DEGREES 59' 40" WEST, ALONG THE NORTHEASTERLY LINE OF SAID LOT 1 7500 FEET, MORE OR LESS, TO A POINT 300 FEET, NORTHWESTERLY OF THE NORTHWEST CORNER OF SECTION 25, AS SHOWN ON SAID MAP OF TRACT NO. 5135; THENCE NORTH 89 DEGREES 20' 30" EAST, 699.32 FEET TO A POINT; THENCE SOUTH 45 DEGREES 1' EAST, 6521 FEET TO A POINT; THENCE SOUT 2' 30" EAST, 700 FEET, MORE OR LESS, TO A POINT ON THE NORTHERLY LINE OF SAID HIGHLAND AVENUE; THENCE ALONG THE NORTHERLY LINE OF SAID HIGHLAND AVENUE, SOUTH 89 DEGREES 20' 30" WEST, 591.33 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION THEREOF INCLUDED WITHIN PARCEL "B" AS DESCRIBED IN THE DEED TO THE STATE OF CALIFORNIA, RECORDED APRIL 13, 195(IN BOOK 3910 PAGE 558, OFFICIAL RECORDS, SAID PARCEL "B" BEING DESCRIBED AS FOLLOWS:

THOSE PORTIONS OF LOTS 31 AND 33 OF POPE, TALBOT AND PIERCE ADDITION, AS PER MAP RECORDED IN BOOK 11, PAGE 38 OF MAPS, RECORDS OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 33; THENCE ALONG THE SOUTH LINE OF SAID LOTS 31 AND 33, SAID SOUTH LINE BEING ALSO THE NORTH LINE OF HIGHLAND AVENUE, 82.5 FEET WIDE, AS SHOWN ON SAID MAP OF POPE, TALBOT ANI PIERCE ADDITION, NORTH 88 DEGREES 57' 25" EAST, 1302.10 FEET TO THE WESTERLY LINE OF THAT CERTAIN PARCEL OF LAND AS CONVEYED TO THE SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT AS TRACT NO. 152 IN SAID QUITCLAIM DEED, RECORDED APRIL 20, 1950; THENCE ALONG SAID WESTERLY LINE, NORTH 24 DEGREES 36' 05" WEST (RECORD NORTH 23 DEGREES 36' 12" WEST), 21.54 FEET; THENCE ALONG A NON-TANGENT CURVE CONCAVE NORTHERLY WITH A RADIUS OF 69,940 FEET FROM A TANGENT BEARING SOUTH 89 DEGREES 15' 33" WEST, THROUGH AN ANGLE OF 0 DEGREES 03' 39", A DISTANCE OF 74.11 FEET, THENCE NORTH 30 DEGREES 39' 06" WEST, 69.27 FEET; THENCE SOUTH 89 DEGREES 21' 51" WEST, 40.00 FEET; THENCE SOUTH 29 DEGREES 22' 52" WEST, 69.27 FEET; THENCE ALONG A NON-TANGENT CURVE CONCAVE NORTHERLY WITH A RADIUS OF 69,940 FEET FROM A TANGENT BEARING SOUTH 89 DEGREES 24' 34" WEST, THROUGH AN ANGLE OF 0 DEGREES 22' 02", A DISTANCE OF 448.13 FEET; THENCE SOUTH 89 DEGREES 46' 36" WEST, 576.48 FEET; THENCE NORTH 30 DEGREES 13' 24" WEST, 96.99 FEET; THENCE SOUTH 89 DEGREES 46' 36" WEST, 156.64 FEET TO THE SOUTHWESTERLY LINE OF SAID LOT 33, DISTANCE ALONG SAID SOUTHWESTERLY LINE NORTH 45 DEGREES 22' 58" WEST, 169.37 FEET FROM THE POINT OF BEGINNING; THENCE ALONG SAID SOUTHWESTERLY LINE, SOUTH 45 DEGREES 22' 58" EAST, 169.37 FEET TO THE POINT OF BEGINNING.

PARCEL 4:

THOSE PORTIONS OF SECTION 30, TOWNSHIP 1 NORTH, RANGE 4 WEST, SAN

BERNARDINO MERIDIAN, AND SECTION 25, TOWNSHIP 1 NORTH, RANGE 5 WEST, SA BERNARDINO MERIDIAN, AS THE LINES OF THE GOVERNMENT SURVEY MAY BE EXTENDI ACROSS THE RANCHO MUSCUPIABE, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 7, PAGE 23 OF MAPS, RECORDS OF SAID COUNTY, AND THOSE PORTIONS OF LOTS 31 AND 33 OF POPE, TALBOT AND PIERCE ADDITION, AS PER MAP RECORDED IN BOOK 11, PAGE 38 OF MAPS, RECORDS OF SAID COUNTY, INCLUDED WITHIN THE FOLLOWING DESCRIBED PARCEL OF LAND:

BEGINNING AT A POINT ON THE SOUTHWESTERLY LINE OF TRACT NO. 2258, AS PER MAP RECORDED IN BOOK 32, PAGES 72 TO 77 INCLUSIVE, OF MAPS, RECORDS OF SAID COUNTY, DISTANT THEREON NORTH 44 DEGREES 23' 27" WEST (RECORDED NOR 45 DEGREES 01' WEST), 155.48 FEET FROM THE INTERSECTION OF SAID SOUTHWESTERLY LINE WITH THE CENTER LINE OF MALLORY STREET, AS SHOWN ON SAID TRACT NO. 2258, SAID POINT OF BEGINNING BEING ALSO THE INTERSECTION OF THE SOUTHWESTERLY LINE OF SAID TRACT NO. 2258 WITH THE WESTERLY LINE (THAT CERTAIN PARCEL DESCRIBED AS TRACT NO. 152 IN DECLARATION OF TAKING NO. 152 IN DECLARATION OF TAKING NO. 10, DATED MARCH 5, 1948, A CERTIFIEI COPY OF WHICH WAS RECORDED APRIL 08, 1948 IN BOOK 2209 PAGE 174 OF OFFICIAL RECORDS; THENCE ALONG THE WESTERLY LINE OF SAID TRACT NO. 152, SOUTH 0 DEGREES 34' 22" WEST, 1039.69 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE EAST, HAVING A RADIUS OF 2570.0 FEET; THENCE SOUTHERLY ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 24 DEGREES 10' 34 AN ARC DISTANCE OF 1084.42 FEET; THENCE TANGENT TO SAID CURVE SOUTH 23 DEGREES 36' 12" EAST, 750.46 FEET, MORE OR LESS, TO HIGHLAND AVENUE; THENCE WEST ALONG HIGHLAND AVENUE TO THE SOUTHEASTERLY CORNER OF THAT CERTAIN PARCEL OF LAND CONVEYED BY THE MUSCOY WATER COMPANY TO NEAL O. BAKER AND OTHERS, BY DEED RECORDED APRIL 09, 1937 IN BOOK 1175 PAGE 221, OFFICIAL RECORDS; THENCE NORTH 0 DEGREES 02' 30" WEST, 700 FEET, MOI OR LESS, ALONG THE EASTERLY LINE OF THE PARCEL SO CONVEYED TO THE MOST EASTERLY NORTHEAST CORNER OF SAID PARCEL; THENCE NORTHWESTERLY TO A POIN DESIGNATED POINT "A"; WHICH POINT "A" IS LOCATED NORTH 56 DEGREES 9' EAS 1020.93 FEET FROM A POINT IN THE WESTERLY LINE OF THE LANDS CONVEYED BY MUSCOY WATER COMPANY TO NEAL O. BAKER AND OTHERS. BY DEED RECORDED IN BOI 1175, PAGE 221 OF OFFICIAL RECORDS, AND BEING THE EASTERLY LINE OF THE LANDS SHOWN IN A SUBDIVISION OF LANDS BELONGING TO THE SEMI-TROPIC LAND AND WATER COMPANY, AS PER MAP RECORDED IN BOOK 6, PAGE 12 OF MAPS, RECORI OF SAID COUNTY, WHICH POINT IS NORTHWESTERLY A DISTANCE OF 2114.76 FEET, MEASURED ALONG THE EASTERLY LINE OF THE LANDS SUBDIVIDED BY SEMI-TROPIC LAND AND WATER COMPANY FROM THE INTERSECTION OF SAID EASTERLY LINE WITH THE CENTER LINE OF HIGHLAND AVENUE; THENCE FROM POINT "A" NORTH 56 DEGREI 09' 10" EAST, ALONG THE SURVEY CENTER LINE DESCRIBED IN THAT CERTAIN DEEI FROM THE MUSCOY WATER COMPANY TO SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT, RECORDED FEBRUARY 28, 1945 IN BOOK 1735 PAGE 356 OF OFFICIAL RECORDS, A DISTANCE OF 1228 FEET TO THE BEGINNING OF A CURVE IN SAID LINI CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 3000.0 FEET; THENCE ALONG SAID CURVE THROUGH AN ANGLE OF 5 DEGREES 42' 07", A DISTANCE OF 298.55 FEET TO A POINT IN THE SOUTHWESTERLY LINE OF LOT 311, AS SHOWN ON MAP OF TRACT NO. 2258, WHICH IS 129.29 FEET NORTHWESTERLY FROM THE MOST SOUTHERI CORNER OF SAID LOT 311; THENCE SOUTH 44 DEGREES 23' 27" EAST (RECORDED SOUTH 45 DEGREES 01' EAST) ALONG THE SOUTHWESTERLY LINE OF TRACT NO. 225(A DISTANCE OF 190 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

EXCEPTING THAT PORTION THEREOF CONVEYED TO THE SAN BERNARDINO COUNTY FLOI CONTROL DISTRICT, BY DEED RECORDED FEBRUARY 28, 1945 IN BOOK 1735 PAGE 3: OF OFFICIAL RECORDS.

ALSO EXCEPTING THEREFROM THAT PORTION THEREOF INCLUDED WITHIN PARCEL "B" AS DESCRIBED IN THE DEED TO THE STATE OF CALIFORNIA, RECORDED APRIL 13, 1956 IN BOOK 3910 PAGE 558 OF OFFICIAL RECORDS.

ALSO EXCEPTING THEREFROM THAT PORTION DESCRIBED AS FOLLOWS:

COMMENCING AT SAID POINT "A"; THENCE FROM SAID POINT "A" NORTH 56 DEGREES 09' 10" EAST, 222.44 FEET; THENCE SOUTH 41 DEGREES 02' 50" EAST, 75.59 FEET TO THE TRUE POINT OF BEGINNING, WHICH POINT IS ALSO IN THE SOUTHEASTERLY LINE OF THAT CERTAIN PARCEL OF PROPERTY CONVEYED TO SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT AS PARCEL NO. 2 IN THE DEED RECORDED FEBRUARY 28, 1945 IN BOOK 1735 PAGE 356 OF OFFICIAL RECORDS, SAII POINT OF BEGINNING ALSO BEING THE MOST NORTHERLY POINT IN THE PROPERTY CONVEYED TO TRIANGLE ROCK PRODUCTS, INC., A DELAWARE CORPORATION, BY DEED RECORDED NOVEMBER 01, 1966 IN BOOK 6721 PAGE 897 OF OFFICIAL RECORDS; THENCE ALONG THE NORTHEASTERLY BOUNDARY OF SAID TRIANGLE ROCK PRODUCTS PROPERTY, SOUTH 43 DEGREES 17' 29" EAST, 1659.94 FEET TO AN ANGLI POINT THEREIN; THENCE CONTINUING ALONG THE SAID TRIANGLE BOUNDARY THE FOLLOWING DISTANCES: SOUTH 48 DEGREES 57' 10" WEST, 17.75 FEET; SOUTH 38 DEGREES 32' 54" EAST, 413.00 FEET; SOUTH 57 DEGREES 21' 10" WEST, 62.25 FEET TO AN ANGLE POINT IN PARCEL NO. 1 OF THE PROPERTY CONVEYED TO SOUTHERN PACIFIC COMPANY, A DELAWARE CORPORATION, BY DEED RECORDED APRIL 06, 1965 IN 6364, PAGE 683 OF OFFICIAL RECORDS, SAID ANGLE POINT BEING THI TERMINUS OF THAT CERTAIN COURSE DESCRIBED AS" THENCE SOUTH 38 DEGREES 35' 10" EAST, 403.86 FEET"; THENCE CONTINUING SOUTH 57 DEGREES 21' 10" WEST, 10.00 FEET; THENCE ALONG A NON-TANGENT CURVE TO THE RIGHT, HAVING A RADIU OF 1322.47 FEET AND A CENTRAL ANGLE OF 18 DEGREES AN ARC DISTANCE OF 415.45 FEET (CHORD BEARS SOUTH 23 DEGREES 38' 50" EAST, 413.76 FEET); THENCE NORTH 75 DEGREES 21' 10" EAST, 35.00 FEET, THENCE SOUTH 11 DEGREES 31' 43" EAST, 46.78 FEET TO AN ANGLE POINT IN THE NORTHERLY LINE OF THAT CERTAIN PARCEL SHOWN AS PARCEL "B" IN GRANT DEED FROM TRIANGLE ROCK AND GRAVEL CO., TO THE STATE OF CALIFORNIA, AS RECORDED APRIL 13, 1956 IN BOOK 3910 PAGE 558 OF OFFICIAL RECORDS; THENCE ALONG SAID NORTHERLY LINE SOUTH 29 DEGREES 39' 13" EAST, 69.27 FEET (RECORDED SOUTH 30 DEGREES 39' 06" EAST, 69.27 FEET); THENCE CONTINUING ALONG SAID NORTHERLY LINE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 69.940 FEET AND A CENTRAL ANGLE OF 00 DEGREES 03' 39", AN ARC DISTANCE OF 74.11 FEET (CHORD BEARS SOUTH 89 DEGREES 42' 44" EAST, 74.11 FEET) TO A POINT IN THE WESTERLY LINE OF THAT CERTAIN PARCEL DESCRIBED AS TRACT NO. 152 IN DECLARATION OF TAKING NO. 10, DATED MARCH 5, 1948, CERTIFIED COPY OF WHICH WAS RECORDED APRIL 08, 1948 IN BOOK 2209 PAGE 174 OF OFFICIAL RECORDS, WHICH POINT BEARS NORTH 23 DEGREES 36' 12" (RECORDED NORTH 24 DEGREES 36' 05" WEST) WEST, 21.54 FEET FROM THE INTERSECTION OF SAID WESTERLY LINE WITH THE NORTHERLY LINE OF HIGHLAND AVENUE; THENCE ALONG SAID WESTERLY LINE NORTH 23 DEGREES 36' 12" WEST, 683.68 FEET; THENCE CONTINUING ALONG SAID WESTERLY LINE ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 2570 FEET AND A CENTRAL ANGLE OF 3 DEGREES 15' 40", AN ARC DISTANCE OF 146.27 FEET; THENCE 41 DEGREES 02' 50" WEST, 1821.06 FEET, TO A POINT IN AFOREMENTIONED SOUTHEASTERLY LINE OF THAT CERTAIN PARCEL OF PROPERTY CONVEYED TO SAN BERNARDINO COUNTY FLOOD CONTRC DISTRICT AS PARCEL NO. 2 IN THE DEED RECORDED FEBRUARY 28, 1946 IN BOOK 1735 PAGE 356 OF OFFICIAL RECORDS; THENCE ALONG SAID SOUTHEASTERLY LINE SOUTH 56 DEGREES 09' 10" WEST, 136.07 FEET TO THE POINT OF BEGINNING.

ALSO EXCEPTING THEREFROM THAT PORTION THEREOF, CONVEYED TO THE SOUTHERN

PACIFIC COMPANY, A DELAWARE CORPORATION, BY DEED RECORDED NOVEMBER 01, 1966 IN BOOK 6721 PAGE 899 OF OFFICIAL RECORDS.

PARCEL NO. 5:

THOSE PORTIONS OF SECTION 30, TOWNSHIP 1 NORTH, RANGE 4 WEST, SAN BERNARDINO MERIDIAN, AND SECTIONS 14, 23, 24 AND 25, TOWNSHIP 1 NORTH, RANGE 5 WEST, SAN BERNARDINO MERIDIAN, AS THE LINES OF THE GOVERNMENT SURVEY MAY BE EXTENDED ACROSS THE RANCHO MUSCUPIABE, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 7, PAGE 23 O MAPS, RECORDS OF SAID COUNTY, INCLUDED WITHIN THE FOLLOWING DESCRIBED PARCEL OF LAND:

BEGINNING AT THE NORTHWEST CORNER OF TRACT NO. 2258, AS PER MAP RECORDED IN BOOK 32, PAGES 72 TO 77 INCLUSIVE OF MAPS, RECORDS OF SAID COUNTY; THENCE NORTH 45 DEGREES 01' WEST, 2344.36 FEET TO THE SOUTHWEST CORNER OF THE LAND CONVEYED AS PARCEL NO. 10 TO FARM HOMES CORP., A CORPORATION, BY DEED RECORDED OCTOBER 13, 1934 BOOK 1011 PAGE 14 OF OFFICIAL RECORDS; THENCE CONTINUING NORTH 45 DEGREES 01' WEST ALONG THE SOUTHWESTERLY LINE OF THE LAND SO CONVEYED, 3378.93 FEET; THENCE NORTH 30 DEGREES 49' WEST ALONG SAID SOUTHWESTERLY LINE TO ITS INTERSECTION WITH THE EASTERLY LINE OF THE LAND CONVEYED TO THE COUNTY OF SAN BERNARDINO BY DEED RECORDED JULY 27, 1948 IN BOOK 2268 PAGE 138 OF OFFICIAL RECORDS; THENCE SOUTH ALONG THE EASTERLY LINE OF THE LAND SO CONVEYED TO THE COUNTY OF SAN BERNARDINO, TO THE SOUTHEASTERLY CORNER THEREOF; THENCE WEST ALONG THE SOUTHERLY LINE OF THE LAND SO CONVEYED, 990 FEET TO THE SOUTHWESTERLY CORNER THEREOF, SAID POINT BEING STATION 111 ON THE NORTHEASTERLY LINE OF THE MAP SHOWING SUBDIVISION OF LANDS BELONGING TO THE SEMI-TROPIC LAND AND WATER COMPANY, AS PER MAP RECORDED IN BOOK 6, PAGE 12 OF MAPS, RECORDS OF SAID COUNTY; THENCE SOUTHEASTERLY ALONG THE SAID NORTHEASTERLY LINE OF THE NORTHWESTERLY CORNER OF THE PARCEL OF LAND CONVEYED TO NEAL O. BAKER AND OTHERS, BY DEED RECORDED APRIL 09, 1937 IN BOOK 1175 PAGE 221 OF OFFICIAL RECORDS, THENCE ALONG THE NORTHERLY LINE O THE LAND SO CONVEYED TO NEAL O. BAKER AND OTHERS, NORTH 89 DEGREES 20' 30 EAST, 699.32 FEET TO A POINT, THENCE SOUTH 45 DEGREES 01' EAST ALONG THE EASTERLY LINE OF THE LAND SO CONVEYED, 6521.0 FEET TO AN ANGLE POINT THEREIN, THENCE NORTH 89 DEGREES 20' 30" EAST, 584.0 FEET; THENCE NORTHWESTERLY TO A POINT DESIGNATED POINT "A", WHICH POINT "A" IS LOCATED NORTH 56 DEGREES 9' EAST, 1020.93 FEET FROM A POINT IN THE WESTERLY LINE OF THE LANDS CONVEYED BY MUSCOY WATER COMPANY TO NEAL O. BAKER AND OTHERS BY DEED RECORDED IN BOOK 1175, PAGE 221 OF OFFICIAL RECORDS, AND BEING TH EASTERLY LINE OF THE LANDS SHOWN IN A SUBDIVISION OF LANDS BELONGING TO THE SEMI-TROPIC LAND AND WATER COMPANY, AS PER MAP RECORDED IN BOOK 6, PAGE 12 OF MAPS, RECORDS OF SAID COUNTY, WHICH POINT IS NORTHWESTERLY A DISTANCE OF 2114.76 FEET, MEASURED ALONG THE EASTERLY LINE OF THE LANDS SUBDIVIDED BY SEMI-TROPIC LAND AND WATER COMPANY, FROM THE INTERSECTION O SAID EASTERLY LINE WITH THE CENTER LINE OF HIGHLAND AVENUE; THENCE FROM POINT "A" NORTH 48 DEGREES 35' 34" WEST, 1252.98 FEET; THENCE NORTH 27 DEGREES 23' 30" WEST, 2807.27 FEET; THENCE NORTHWESTERLY 1191 FEET, MORE OR LESS, TO THE SOUTHEASTERLY CORNER OF THE PARCEL OF LAND DESCRIBED AS TRACT NO. 418 IN THE DECLARATION OF TAKING NO. 6, DATED FEBRUARY 19, 1947 A CERTIFIED COPY OF WHICH WAS RECORDED APRIL 05, 1947 IN BOOK 2031 PAGE 371 OF OFFICIAL RECORDS; THENCE ALONG THE SOUTHERLY LINE OF SAID TRACT NO. 418, SOUTH 68 DEGREES 59' 29" WEST, 200 FEET TO THE SOUTHWEST CORNER THEREOF; THENCE ALONG THE WESTERLY LINE OF SAID PARCEL, NORTH 21 DEGREES

00' 30" WEST, 1404.34 FEET TO THE BEGINNING OF A TANGENT CURVE CONCAVE TO THE NORTHEAST, HAVING A RADIUS OF 600 FEET; THENCE NORTHERLY ALONG SAID CURVE, THROUGH A CENTRAL ANGLE OF 7 DEGREES 01' 18" AN ARC DISTANCE OF 73.53 FEET; THENCE TANGENT TO SAID CURVE, NORTH 13 DEGREES 59' 13" WEST, 379.55 FEET TO THE INTERSECTION OF THE WESTERLY LINE OF SAID TRACT NO. 418, WITH THE SOUTHWESTERLY LINE OF TRACT NO. 2258, AFOREMENTIONED; THENCE NORTHWESTERLY ALONG THE SOUTHWESTERLY LINE OF SAID TRACT NO. 2258, 42.41 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

EXCEPTING THAT PORTION THEREOF CONVEYED TO THE SAN BERNARDINO COUNTY FLOOI CONTROL DISTRICT, BY DEED RECORDED FEBRUARY 28, 1945 IN BOOK 1735 PAGE 35(OF OFFICIAL RECORDS.

ALSO EXCEPTING THEREFROM THAT PORTION THEREOF CONVEYED TO THE SOUTHERN PACIFIC COMPANY, A DELAWARE CORPORATION, RECORDED APRIL 06, 1965 IN BOOK 6364 PAGE 683 OF OFFICIAL RECORDS.

PARCEL NO. 6:

THAT PORTION OF THE NORTHEAST ONE-QUARTER OF SECTION 36, TOWNSHIP 1 NORTH, RANGE 5 WEST, SAN BERNARDINO MERIDIAN, AS THE LINES OF THE GOVERNMENT SURVEY MAY BE EXTENDED ACROSS THE RANCHO MUSCUPIABE, IN THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 7 PAGE 23 OF MAPS, RECORDS OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING 1 ROD SOUTH OF THE NORTHEAST CORNER OF SAID SECTION; THENCE WES 12 CHAINS; THENCE SOUTH 32 DEGREES EAST, 8.47 CHAINS; THENCE SOUTH 2 DEGREES WEST, 2.06 CHAINS; THENCE SOUTH 54 DEGREES EAST, 4.50 CHAINS; THENCE SOUTH 83 DEGREES EAST, 4.40 CHAINS TO THE EAST LINE OF SAII SECTION; THENCE NORTH ALONG SAID SECTION LINE TO THE POINT OF BEGINNING.

EXCEPT THEREFROM THE FOLLOWING PARCELS:

(A) ALL THAT PORTION OF THAT CERTAIN REAL PROPERTY IN THE COUNTY OF SAN BERNARDINO, DESCRIBED IN THE DEED TO NEAL O. BAKER, ET AL., RECORDED DECEMBER 30, 1943 IN BOOK 1644 PAGE 460 OF OFFICIAL RECORDS.

(B) THAT PORTION CONVEYED TO THE STATE OF CALIFORNIA, BY DEED RECORDED APRIL 13, 1956 IN BOOK 3910 PAGE 558 OF OFFICIAL RECORDS.

(C) THOSE PORTIONS CONVEYED TO THE STATE OF CALIFORNIA, BY DEED RECORDED JUNE 20, 1966 IN BOOK 6648 PAGE 438 OF OFFICIAL RECORDS.

NOTIFICATION OF RESPONSIBILITY

Required by all Property Owners
Optional Form No. 1 of 2

I, Gene Block, the undersigned, representing (the) CalMat Co. (myself/company/corporation) legal holder of the possessory interest, mineral and/or surface rights to the property commonly known as the CalMat Co. San Bernardino Plant located in Township 1 North Range 5 West Section(s) 23,24,25, (SBBM) or MDBM (circle one)) Meridian, do hereby acknowledge to abide by the Reclamation Plan and the Conditions of Approval approved by San Bernardino County.

(s) Gene R. Block

Date 2-26-88

Individual Acknowledgement

For Notary Seal or Stamp

MARY JEAN ARNESON
NOTARY PUBLIC
STATE OF CALIFORNIA
PRINCIPAL OFFICE IN
LOS ANGELES COUNTY
My Commission Expires July 12, 1991

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS.
)

On FEBRUARY 29 1988 before me, the undersigned, a Notary Public in and for said County and State, personally appeared

GENE R. BLOCK

known to me to be the person or proven to me on the basis of satisfactory evidence whose name subscribed to the within instrument and acknowledged that HE executed the same.

Notary's Signature Mary Jean Arneson

Corporation Acknowledgement

For Notary Seal or Stamp

MARY JEAN ARNESON
NOTARY PUBLIC
STATE OF CALIFORNIA
PRINCIPAL OFFICE IN
LOS ANGELES COUNTY
My Commission Expires July 12, 1991

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS.
)

On FEBRUARY 29, 1988 before me, the undersigned, a Notary Public in and for said County and State, personally appeared

GENE R. BLOCK

known to me or proven on the basis of satisfactory evidence to be the person who executed the within instrument on behalf of the corporation therein named and acknowledged to me that such corporation executed the within instrument pursuant to its by-laws or a Resolution of its Board of Directors.

Notary's Signature Mary Jean Arneson

ENVIRONMENTAL PUBLIC WORKS AGENCY
LAND MANAGEMENT DEPARTMENT
OFFICE OF PLANNING

MINING ENVIRONMENTAL ASSESSMENT SUMMARY FORM
(In lieu of PEDF)

Date March 3, 1988
Revised May 30, 1990

Please print or type all requested information. Incomplete applications and/or inaccurate exhibits will not be accepted.

1. NAME OF MINE OR PROJECT: San Bernardino Plant

2. TYPE OF MINE OR PROJECT: Sand & gravel excavation from riverbed

3. PROJECT OR MINE GENERAL LOCATION: The project location is the intersection of Cajon Lytle Creek Flood basin with the 2400 block of Highland Ave.

4. PROJECT OR MINE LEGAL LOCATION: SECTION(S) 23,24,25 TOWNSHIP 1 North RANGE 5 West SBBM/~~MDBM~~ (X one)

5. TOTAL HOLDINGS 1028 ACRES: AREA TO BE DISTURBED AND RECLAIMED 760 total ACRES.

6. AIR QUALITY: LIST NUMBER AND TYPES OF VEHICLES AND EQUIPMENT ASSOCIATED WITH THE PROJECT. 1 cement train, 1 water truck, 2 yard trucks, 2 pit trucks, 4 service trucks, 3 loaders, see below..
LIST ASSOCIATED EMISSIONS WITH THE PROPOSED PROJECT (I.E., DUST DIESEL) Diesel from trucks, other emissions controlled by the following permits: See Attached Exhibit "B"

7. WATER QUALITY/SUPPLY:
SOURCE OF FRESH WATER Muscoy Water Company (714)887-2964
TOTAL GALLONS OF WATER TO BE USED PER DAY 1,219,404
GALLONS PER DAY RECYCLED 812,936 GALLONS PER DAY FRESH 406,468
CHEMICALS TO BE USED: None
METHOD OF CHEMICAL DISPOSAL: Sanitary for offices: Septic on-site
PROPOSED SEWAGE SYSTEM: None

8. ENERGY
ELECTRICITY TO BE CONSUMED BY THE PROJECT/MONTH 134,974 KWH.
NATURAL GAS TO BE CONSUMED BY THE PROJECT/MONTH 214 CU FT.
OTHER FUELS TO BE CONSUMED BY THE PROJECT: LIST TYPE AND QUANTITY: 250 gal/month unleaded gasoline , 12,000 gal/month diesel, 60 gal/month bulk oil

9. DESCRIBE IN GENERAL THE TYPE OF VEGETATION AND THE PERCENTAGE OF THE SITE THAT IT COVERS. LIST THE ANIMALS THAT YOU HAVE SEEN OR THAT ARE KNOWN TO OCCUR ON THE SITE.
SEE "BIOLOGICAL ASSESSMENT FOR THE CALMAT SAN BERNARDINO MINING OPERATION" APPENDIX 4.

10. DESCRIBE IN GENERAL THE TOPOGRAPHY (I.E., SLOPES, LANDFORMS, LANDSCAPE) AND RELIEF OF THE SITE.

From the North moving South a 3% slope on a wide flood plain. 15' high flood control levees on the East & West constrict the flood plain into a dry river bed to Highland Ave. 40' bluffs overlook the flood plain on the West. 15' high levees on the East.

11. DESCRIBE ANY DRAINAGE CHANNELS THAT EXIST ON THE SITE.

The Lytle Creek, Cajon Creek, Devil Canyon and Cable Creek drainage areas discharge water into the mining area bounded by flood control levees.

12. DESCRIBE ANY ALTERATION AND/OR IMPROVEMENTS ON THE SITE.

Mining excavations have lowered the natural elevations by 12 to 17 feet in an 11 acre and 14 acre site.

13. DESCRIBE THE LAND USES ON THE ADJACENT LAND IN EACH DIRECTION. NOTE ANY MAJOR OR IMPORTANT NATURAL OR MAN-MADE FEATURES ON THE ADJACENT LAND; FOR EXAMPLE, MAJOR HIGHWAYS, STREAM CHANNELS, OR OTHER NOTABLE FEATURES.

NORTH: Flood Plain

EAST: Flood Plain, Southern Pacific Railroad line, Edison Transmission lines, Residential (rural)

SOUTH: Flood Plain Residential

WEST: Flood Plain, Residential

14. DESCRIBE THE SITE ALTERATIONS THAT WILL BE PRODUCED BY YOUR PROPOSED PROJECT. FOR INSTANCES, DESCRIBE TOPOGRAPHIC CHANGES, STORM FLOWS THAT WILL HAVE TO BE CHANNELIZED, LENGTHS OF NEW ROADS AND/OR EASEMENTS AND OTHER SUCH CHANGES.

Excavation of river bed material and the grading of dirt roads to access excavation areas, stream flow velocities will be reduced in the excavation areas, however this will have negligible upstream affect on down stream flows.

15. IF YOUR PROJECT REQUIRES ANY PERMITS FROM OTHER AGENCIES, PLEASE IDENTIFY THE AGENCY AND TYPE OF PERMIT. SOME AGENCIES OR DEPARTMENTS THAT YOU MAY HAVE TO OBTAIN PERMITS FROM ARE LISTED BELOW.

- .AIR POLLUTION CONTROL
- .COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
- .STATE REGIONAL WATER QUALITY CONTROL BOARD
- .BLM
- .FISH AND GAME
- .FOREST SERVICE

TYPE OF PERMIT please refer to item 6. Permits already obtained for operation

SIGNATURE (PROJECT PROPONENT OR OWNER OF RECORD)

DATE:

EXHIBIT "B"

6. LIST OF ASSOCIATED EMISSIONS AND GENERAL OPERATIONS PERMITS (continued)

South Coast Air Quality Management District Permits:

E04627
E02723
E02605
E02604
E02603
E02601
E02600
M39146
E02597
E04624
E04625

Environmental Health Services Department Permit:

8610290005

Central Valley Fire District Permit.

ENVIRONMENTAL PUBLIC WORKS AGENCY
LAND MANAGEMENT DEPARTMENT
OFFICE OF PLANNING

MINING/RECLAMATION SUMMARY FORM

Date March 3, 1988

Please print or type all requested information.

Revised May 30, 1990

1. APPLICANT: Name CALMAT COMPANY Telephone (213) 258-2777
Address 3200 San Fernando Road
City Los Angeles, State CA Zip 90065

2. REPRESENTATIVE: Name _____ Telephone _____
Address _____
City _____ State _____ Zip _____

3. OPERATOR: Name CALMAT COMPANY Telephone (714) 875-1150
Address 2400 West Highland Ave
City San Bernardino, State CA. Zip 92405

MINING OPERATION

NAME OF MINE OR PROJECT: San Bernardino Plant

LIST ANY OTHER NAMES OR APPLICATIONS THIS MINE OR PROJECT MAY HAVE BEEN KNOWN BY:
Triangle Rock, Conrock Company

MINERAL COMMODITY MINED Construction aggregate

3. LOCATION OF MINE OR PROJECT: TOWNSHIP 1 North RANGE 5 West
SECTION(S) 23,24,25 (SBBM) OR ~~XXXXX~~ (circle one) LATITUDE 34° 09' 14"
LONGITUDE 117° 21' 37" (AS TAKEN FROM THE CENTER POINT OF THE PROJECT AREA)

4. MAXIMUM TOTAL YEARLY PRODUCTION: (CROSS OUT TONS OR CU YDS, WHICHEVER IS NOT USED)

	ORE	WASTE	TOTAL
UNDER 5,000 (TONS) (CU YDS)/YR			
5,000 - 25,000 (TONS) (CU YDS)/YR			
25,000 - 50,000 (TONS) (CU YDS)/YR			
50,000 - 100,000 (TONS) (CU YDS)/YR			
100,000 - 250,000 (TONS (CU YDS)/YR			
250,000 - 500,000 (TONS (CU YDS)/YR			
500,000 - 1,000,000 (TONS) (CU YDS)/YR			
OVER 1,000,000 (TONS) (~~CU YDS~~)/YR	90%	10%	1-2 million

7. TYPE OF OPERATION (CHECK WHERE APPLICABLE):

X	OPEN PIT		ALLUVIAL TERRACE
	SINGLE BENCH		HILLSIDE
X	MULTI BENCH		HARDROCK
	DRILL AND BLAST		METALIC
	SHOVEL/TRUCK		NON-METALIC
X	LOADER/TRUCK	X	SAND AND GRAVEL
	UNDERGROUND		QUARRY
	FLOW WAY CHANNEL		OTHER _____

MINE DIMENSIONS

HIGHEST ELEVATION Normal:1575 Winter:1325 Normal:31° Winter: 28° MAXIMUM DEPTH Normal:1305 Winter:1309 Normal:31° Winter: 28° MAXIMUM LENGTH Normal:15,600 Winter:1200' Normal:2450' Winter: 600'

OVERALL SLOPE ANGLE _____ MAXIMUM SLOPE ANGLE _____ MAXIMUM WIDTH _____

ANGLE OF REPOSE FOR NATIVE OR HOST MATERIALS 33-38°

BENCH HEIGHT 30' SAFETY BERM WIDTH 10'

CHECK ANY OF THE FOLLOWING ITEMS THAT MAY BE CONDUCTED AT OR CONSTRUCTED ON THE MINE OR PROJECT SITE.

X	ACCESS ROADS	X	PLANT SITE
X	ASPHALT BATCH PLANT	X	SCREENING
	BATHHOUSE (DRY)	X	SETTLING PONDS
	BLASTING	X	SHEDS
X	CONCRETE BATCH PLANT	X	SHOPS
X	CONVEYORS	X	STOCKPILES
X	CRUSHERS		TAILINGS DAMS
	EXPLOSIVE STORAGE		TANKS
X	OFFICE SITE		WATER WELLS
	ON-SITE LIVING QUARTERS		WASTE DUMPS
X	PARKING AREA		OTHER _____

8. OPERATING TIMES

OPERATION IS: Continuous X Seasonal _____ Intermittent _____

IF SEASONAL OR INTERMITTENT, CHECK MONTHS OF OPERATION:

_____ JANUARY	_____ APRIL	_____ JULY	_____ OCTOBER
_____ FEBRUARY	_____ MAY	_____ AUGUST	_____ NOVEMBER
_____ MARCH	_____ JUNE	_____ SEPTEMBER	_____ DECEMBER

OPERATING TIMES:

OPERATING DAYS/WEEK Normally 5 day/wk DAILY HOURS OF OPERATION Normally 6 am - 3 pm

ESTIMATED STARTING DATE currently in production ESTIMATED OPERATING LIFE Indefinite with replenishment.

ESTIMATED TERMINATION DATE production indefinite with replenishment. 20 years without replenishment ESTIMATED RECLAMATION COMPLETION 20 years without replenishment 1 year following termination of mining.

9. SIZE OF OPERATION:

TOTAL HOLDING IN ACRES 1010± TOTAL ACRES XXXXXX PERMITTED 1010±
TOTAL ACRES TO BE DISTURBED AND RECLAIMED (INCLUDING ROADS) 760 ±

TOTAL ACRES:

690±	OWNED	320±	LEASED
	PATENTED		SUB-LEASED
	UNPATENTED		OTHER

10. SITE ACCESS:

DESCRIBE ALL ACCESS ROUTES INTO THE MINE SITE, INCLUDING ALL ROADS OFF YOUR PROPERTY USED IN CONNECTION WITH MINE PRODUCTION OR WASTE DISPOSAL Users purchasing the product arrive and leave through two gates located along Highland (see Plot Plan)

** USE ADDITIONAL PAPER IF NECESSARY, AS ALL ROUTES MUST BE COMPLETELY DESCRIBED.

11. NUMBER OF TRUCK TRIPS/DAY FOR EACH TYPE OF VEHICLE Trucks & Trailers leaving plant off site:
Hotplant 2 trips/hr. aggregate/concrete 17 trips/hr.

12. DESCRIBE THE PROPOSED SEWAGE DISPOSAL METHOD USED AT THE SITE.
Sanitary sewer runs on a septic system.
Water used in production: 70% recycled, 30% lost through settling ponds.

RECLAMATION

13. TOTAL HOLDINGS 1010± acres

14. TOTAL AREA DISTURBED AND RECLAIMED , INCLUDING ROADS 760 ±

895 acres within 100 year flood plain, 115 acres outside flood plain

15. ESTIMATED TIME FOR RECLAMATION TO START Indefinite with replenishment, year 2020 with no replenishment
ESTIMATED TIME FOR RECLAMATION TO BE COMPLETED 1 year following termination of mining.

16. RECLAMATION METHODS (check where applicable)

Backfilling and grading	X	Rehabilitation of Drainage	
Stabilization of slopes	X	Equipment and Refuse Removal	X
Resoiling and revegetation		Mitigate Hazards	

17. PROPOSED OR POTENTIAL USE OF THE LAND AFTER RECLAMATION: Area A presently zoned FP-2-T
Area B presently zoned M2-T and R1-10 m, potential use would be as follows: A1-A6 Flood Plain B1-B3 Industrial B4 Residential

HAZARDOUS WASTE SITE CERTIFICATION

INSTRUCTIONS:
The Applicant for this development project shall consult the most current list entitled "Identified Hazardous Waste Sites - County of San Bernardino" and shall specify whether or not the development project is located on a site included on the list.

This certificate and the attached list must be submitted with all development applications. Please do not detach list from the certificate.

FORM:
The undersigned owner(s), applicant(s) or their legal representative, of the lands for which this development project application is made, hereby certifies under penalty of perjury that:

In accordance with Section 65962.5(e) of the Government Code of the State of California:

He (she) has consulted the most current and appropriate list of "Identified Hazardous Waste Sites - County of San Bernardino", and

further certifies that the site of the proposed development project: (circle and fill in date of list)

(a.) Is not located on a site which is included on the attached list entitled "Identified Hazardous Waste Sites-County of San Bernardino," dated March 8, 1988

or

b. Is located on a site included on the attached list entitled, "Identified Hazardous Waste Sites-County of San Bernardino," dated _____.

List Assessor Parcel Numbers of the project property.

San Bernardino County APN 143-321-07;

262-071-04; 262-171-07, - 28 & 30;

268-321 - 17 & - 18

Gene R. Block — 3-8-88

SIGNATURES OF APPLICANTS/OWNERS OF RECORD — DATE

Gene Block
Vice President - CalMat Co.

COUNTY OF SAN BERNARDINO
IDENTIFIED HAZARDOUS WASTE SITES - AUGUST 1987

SITE: NEEDLES DISPOSAL SITE
ADDRESS: HWY95, 3ML S. OF NEEDLES
CITY: ZIP
DATA SOURCE: DHS

SITE: FT. IRWIN RD DISPOSAL
ADDRESS: FT IRWIN RD
CITY: BARSTOW ZIP: 92311
DATA SOURCE: DHS

SITE: K&J ENTERPRISES
(FKA:RIVERSIDE PLATING)
ADDRESS: 21750 MAIN ST
CITY: COLTON ZIP: 92335
DATA SOURCE: DHS

SITE: SOLVEX INC
ADDRESS: 1475 MILLER DR
CITY: COLTON ZIP: 92324
DATA SOURCE: DHS

SITE: FOSECO INC
ADDRESS: 7TH AT ROCHESTER
CITY: CUCAMONGA ZIP: 91730
DATA SOURCE: DHS

SITE: NATHAN S. COLEN AND SON INC.
ADDRESS: 8866 VINCENT
CITY: CUCAMONGA ZIP: 91730
DATA SOURCE: DHS

SITE: U.S. REDUCTIONS
ADDRESS: 11600 ETIWANDA
CITY: FONTANA ZIP: 92335
DATA SOURCE: DHS

SITE: VISTA METALS
ADDRESS: 13425 WHITTRAM
CITY: FONTANA ZIP: 92335
DATA SOURCE: DHS

SITE: KAISER CEMENT CORP. CUSHENBURY
ADDRESS: STAR RTE. BOX 400
CITY: LUCERNE VALLEY ZIP: 92356
DATA SOURCE: DHS

SITE: ALGER MFG. CO.
ADDRESS: 724 S BON VIEW AVE.
CITY: ONTARIO ZIP: 91761
DATA SOURCE: DHS

SITE: RIVERSIDE CEMENT CO ORO GRANDE PLT
ADDRESS: 19409 NATIONAL TRAIL HWY
CITY: ORO GRANDE ZIP: 92368
DATA SOURCE: DHS

SITE: REDLANDS FARMING CO.
ADDRESS: SAN BERNARDINO AVE.
EAST OF TEXAS STREET
CITY: REDLANDS ZIP 92373
DATA SOURCE: DHS

SITE: QUALITY PLATING INC.
ADDRESS: 456 SOUTH I ST.
CITY: SAN BERNARDINO ZIP: 92410
DATA SOURCE: DHS

SITE: STAUFFER CHEMICAL COMPANY
ADDRESS: DEATH VALLEY ROAD
CITY: WESTEND ZIP: 93564
DATA SOURCE: DHS

SITE: VANLOON MUTUAL WATER COMPANY
ADDRESS:
CITY: ZIP:
DATA SOURCE: DHS2

SITE: LANKERSHIM MUTUAL WATER COMPANY
ADDRESS:
CITY: ZIP:
DATA SOURCE: DHS2

SITE: CARDIFF FARMS MUTUAL W.C.
ADDRESS:
CITY: ZIP:
DATA SOURCE: DHS2

SITE: EASTWOOD FARMS MWC
ADDRESS:
CITY: ZIP:
DATA SOURCE: DHS2

SITE: RECHE CANYON MHP
ADDRESS:
CITY: ZIP:
DATA SOURCE: DHS2

SITE: CRAWFORD CANYON MWC
ADDRESS:
CITY: ZIP:
DATA SOURCE: DHS2

COUNTY OF SAN BERNARDINO
IDENTIFIED HAZARDOUS WASTE SITES - AUGUST 1987

SITE: SULLIVAN MUTUAL WATER CO.
ADDRESS:
CITY: ZIP:
DATA SOURCE: DHS2

SITE: TREEHOUSE FUN RANCH
ADDRESS:
CITY: ZIP:
DATA SOURCE: DHS2

SITE: MARINE CORPS MCAGCC
ADDRESS: BUILDING 2002
CITY: 29 PALMS ZIP:
DATA SOURCE: WRCB

SITE: AMERICAN CAN INC.
ADDRESS: 7125 AMETHYST STREET
CITY: ALTA LOMA ZIP: 91701
DATA SOURCE: WRCB

SITE: SOUTHWEST PORTLAND CEMENT
ADDRESS: BELL MOUNTAIN
CITY: APPLE VALLEY ZIP: 92392
DATA SOURCE: WRCB

SITE: CONTINENTAL TELEPHONE COMPANY
ADDRESS: 135 COZY LANE
CITY: BARSTOW ZIP:
DATA SOURCE: WRCB

SITE: MOBIL SERVICE STATION
ADDRESS: 40829 BIG BEAR BLVD.
CITY: BIG BEAR LAKE ZIP:
DATA SOURCE: WRCB

SITE: UNOCAL TANK FARM
ADDRESS: 2301 SOUTH RIVERSIDE
CITY: BLOOMINGTON ZIP: 92311
DATA SOURCE: WRCB

SITE: OWL ROCK PRODUCT CO.
ADDRESS: DAILY CANYON RD.
CITY: BLUE JAY ZIP: 92317
DATA SOURCE: WRCB

SITE: MOBIL SERVICE STATION #18-915
ADDRESS: 12895 MOUNTAIN
CITY: CHINO ZIP: 91710
DATA SOURCE: WRCB

SITE: STATION #1923
ADDRESS: 4080 CARBON CANYON ROAD
CITY: CHINO ZIP 91710
DATA SOURCE: WRCB

SITE: STATE OF CALIFORNIA
ADDRESS: 15180 SOUTH EUCLID AVENUE
CITY: CHINO ZIP 91710
DATA SOURCE: WRCB

SITE: CROWN COACH INT.
ADDRESS: 13799 MONTE VISTA AVENUE
CITY: CHINO ZIP: 91710
DATA SOURCE: WRCB

SITE: ETIWANDA FOREST FIRE STATION
ADDRESS: 8896 ETIWANDA AVENUE
CITY: ETIWANDA ZIP:
DATA SOURCE: WRCB

SITE: CALIFORNIA STEEL INDUSTRIES
ADDRESS: 1400 SAN BERNARDINO AVE.
CITY: FONTANA ZIP: 92335
DATA SOURCE: WRCB

SITE: FONTANA MAINTENANCE AND TRANSP.
ADDRESS: 8126 MANGO AVENUE
CITY: FONTANA ZIP: 92335
DATA SOURCE: WRCB

SITE: BASELINE LAUNDRY DRY CLEANERS
ADDRESS: 26212 BASELINE AVENUE
CITY: HIGHLAND ZIP: 92346
DATA SOURCE: WRCB

SITE: W.K. EQUIPMENT RENTAL
ADDRESS: 83-525 DATE STREET
CITY: INDIO ZIP: 92201
DATA SOURCE: WRCB

SITE: MUNICIPAL GOLF COURSE
ADDRESS: AVENUE & NORTH JACKSON ST.
CITY: INDIO ZIP: 92201
DATA SOURCE: WRCB

SITE: LAKE ARROWHEAD MARINA
ADDRESS: SOUTHSHORE MARINA
CITY: LAKE ARROWHEAD ZIP:
DATA SOURCE: WRCB

COUNTY OF SAN BERNARDINO
IDENTIFIED HAZARDOUS WASTE SITES - AUGUST 1987

SITE: WHITING BROS GAS STATION
ADDRESS: 24646 WEST MAIN
CITY: LENWOOD ZIP: 92311
DATA SOURCE: WRCB

SITE: MUNSCHY, LAWRENCE/FERRARI, HEL
ADDRESS: 25513 WEST MAIN
CITY: LENWOOD ZIP: 92310
DATA SOURCE: WRCB

SITE: ROCKET GASOLINE STATION
ADDRESS: 30815 HIGHWAY 18
CITY: LUCERNE VALLEY ZIP: 92356
DATA SOURCE: WRCB

SITE: GOODYEAR
ADDRESS: 8995 CENTRAL AVENUE
CITY: MONTCLAIR ZIP: 91763
DATA SOURCE: WRCB

SITE: CHEVRON SERVICE STA. #9-8066
ADDRESS: 2205 WEST BROADWAY
CITY: NEEDLES ZIP: 92363
DATA SOURCE: WRCB

SITE: NEEDLES GOLF COURSE
ADDRESS: NORTH SITE
CITY: NEEDLES ZIP:
DATA SOURCE WRCB

SITE: PARK MOABI MARINA
ADDRESS: PARK MOABI ROAD
CITY: NEEDLES ZIP: 92363
DATA SOURCE: WRCB

SITE: EZELL SALES
ADDRESS: 13545 EUCLID
CITY: ONTARIO ZIP: 91761
DATA SOURCE: WRCB

SITE: SMITHFORD PRODUCT CO.
ADDRESS: 1401 SOUTH BAKER AVENUE
CITY: ONTARIO ZIP: 91761
DATA SOURCE: WRCB

SITE: LOCKHEED AIR TERMINAL
ADDRESS: ONTARIO AIRPORT
CITY: ONTARIO ZIP: 91764
DATA SOURCE: WRCB

SITE: UNION CARBIDE
ADDRESS: 5735 EAST AIRPORT DRIVE
CITY: ONTARIO ZIP: 91761
DATA SOURCE: WRCB

SITE: MOBIL SERVICE STATION #08-EV5
ADDRESS: 604 ORANGE STREET
CITY: REDLANDS ZIP: 92373
DATA SOURCE: WRCB

SITE: TELEDYNE BATTERY
ADDRESS: 840 WEST BROCKTON
CITY: REDLANDS ZIP: 92374
DATA SOURCE: WRCB

SITE: NATIONAL CONVENIENCE STORE
ADDRESS: 105 SOUTH PEPPER STREET
CITY: RIALTO ZIP: 92376
DATA SOURCE: WRCB

SITE: INLAND BEVERAGE COMPANY
ADDRESS: 223 SOUTH G STREET
CITY: SAN BERNARDINO ZIP: 92410
DATA SOURCE: WRCB

SITE: INTERSTATE BRANDS COMPANY
ADDRESS: 1111 WEST 9TH STREET
CITY: SAN BERNARDINO ZIP: 92415
DATA SOURCE: WRCB

SITE: MOBIL SERVICE STATION 08-F1W
ADDRESS: 100 WEST HIGHLAND
CITY: SAN BERNARDINO ZIP: 92405
DATA SOURCE: WRCB

SITE: SIRION PRINTING
ADDRESS: 730 SOUTH LUGO
CITY: SAN BERNARDINO ZIP: 92408
DATA SOURCE: WRCB

SITE: 7-UP BOTTLING COMPANY
ADDRESS: 1400 H STREET
CITY: SAN BERNARDINO ZIP: 92405
DATA SOURCE: WRCB

SITE: U-HAUL MOVING CENTER
ADDRESS: 110 SOUTH D STREET
CITY: SAN BERNARDINO ZIP:
DATA SOURCE: WRCB

COUNTY OF SAN BERNARDINO
IDENTIFIED HAZARDOUS WASTE SITES - AUGUST 1987

SITE: S-290 TANK
ADDRESS: AREA II
CITY: SAN BERNARDINO ZIP: 92409
DATA SOURCE: WRCB

SITE: ROESH LINES, INC.
ADDRESS: 844 EAST NINTH STREET
CITY: SAN BERNARDINO ZIP: 92410
DATA SOURCE: WRCB

SITE: ARMOUR TRANSPORT
ADDRESS: 372 SOUTH ARROWHEAD
CITY: SAN BERNARDINO ZIP:
DATA SOURCE: WRCB

SITE: WHITE ROSE DAIRY
ADDRESS: 697 NORTH WATERMAN AVENUE
CITY: SAN BERNARDINO ZIP: 92404
DATA SOURCE: WRCB

SITE: GOODYEAR TIRE AND RUBBER CO.
ADDRESS: 774 SOUTH E STREET
CITY: SAN BERNARDINO ZIP: 44316
DATA SOURCE: WRCB

SITE: SUPPORT SERVICES BUILDING
ADDRESS: 1333 TIPPECANOE
CITY: SAN BERNARDINO ZIP: 92410
DATA SOURCE: WRCB

SITE: CIRCLE K #1017
ADDRESS: 82701 TRONA ROAD
CITY: TRONA ZIP: 93562
DATA SOURCE: WRCB

SITE: LEWIS HOMES
ADDRESS: STONECREST AVENUE
CITY: UPLAND ZIP:
DATA SOURCE: WRCB

SITE: ANDREW CALIFORNIA CORPORATION
ADDRESS: 1037 WEST NINTH STREET
CITY: UPLAND ZIP: 91786
DATA SOURCE: WRCB

SITE: MOBIL SERVICE STATION #11-D4Q
ADDRESS: 1212 WEST FOOTHILL BLVD.
CITY: UPLAND ZIP: 91786
DATA SOURCE: WRCB

SITE: UPLAND POST OFFICE
ADDRESS: 333 ARROW HIGHWAY
CITY: UPLAND ZIP: 91786
DATA SOURCE: WRCB

SITE: MOBIL SERVICE STATION 08-442
ADDRESS: 14928 SEVENTH STREET
CITY: VICTORVILLE ZIP: 92392
DATA SOURCE: WRCB

SITE: SOUTHWEST PORTLAND CEMENT
ADDRESS: 16888 E. STREET
CITY: VICTORVILLE ZIP: 92392
DATA SOURCE: WRCB

SITE: ARCO SERVICE STATION
ADDRESS: 16251 D STREET
CITY: VICTORVILLE ZIP: 92392
DATA SOURCE: WRCB

SITE: CIRCLE K #902
ADDRESS: 6940 OLD WOMAN SPRING ROAD
CITY: YUCCA VALLEY ZIP:
DATA SOURCE: WRCB

3.0 Plans, Assessments, Reports

STRATA Technologies Inc.
"Strategic Assessment and Toxics Abatement"

May 18, 1990
Please reference project no. 50323

Mr. Douglas W. Sprague
CalMat
Properties Division
3200 San Fernando Road
Los Angeles, CA 90065

Dear Mr. Sprague,

The following is STRATA's summary of the information learned about the inactive waste disposal site located on CalMat's Lytle Creek property in Rialto. The information was gathered primarily through conversations with government personnel, visiting the site, and a review of past aerial photographs of the site.

Past Landfill Policies

Generally, waste disposal sites that were active around the 1950s were created when the public selected an area for their trash disposal. People simply began to throw their waste into localized areas. When one of the sites got large enough, the public asked the County Road Department to build and maintain an access road to the landfill. Sometimes the County would appoint a caretaker who would manage the site and make sure that the refuse was covered occasionally by a layer of dirt. Consequently, during this time, the County Road Department was in charge of County and public landfill sites. Cities maintained their own waste disposal sites.

Some waste segregation occurred by site. For example, one site might have been unofficially designated for wood and tree trimmings, another for household refuse, and another for inert materials. Some sites were used for disposal of all types of materials. Many of the landfills that operated in the San Bernardino Valley before the late 1950s were "burning landfills," in which the refuse was burned continuously. In 1958 to 1959, the area became significantly more populated and air quality started to be a public concern. Many of the small "burning landfills" were closed.

In the early 1950s, it was common for gravel pit owners and operators to make arrangements with city or county governments to fill their quarry pits with rubble and waste material. According to the County, at that time, a "good old boy syndrome was occurring." The arrangements were made "privately" and without documentation.

The Lytle Creek Disposal Site

The inactive disposal site located on CalMat's sand and gravel quarry in the the Lytle Creek Wash was reported by County employees to be a "burning landfill" that operated in the early 1950s and probably closed before 1955. Aerial photographs from 1952 and 1953 show a quarry pit at that location actively

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being filled with refuse. Fill is visible in the pit and along the site's roads and embankments. The northwestern portion of the pit was by far the deepest. Recollections of County personnel indicate that it was about 50-feet below the ground surface in this area. By 1953, the channel west of the landfill was being excavated and the western perimeter of the landfill site appeared exposed.

Visual inspection of the landfill today shows that a variety of material had been disposed of and burned at the site. The fill includes assorted bottles, cans, and household refuse, as well as tree stumps, asphalt blocks, bricks, tiles, and concrete slabs. Polished pieces of granite and marble prevalent at the site reportedly came from a headstone company that operated on the corner of Highland and Waterman Avenues.

While it was active, the landfill was accessed by several roadways. One of the main roads leading to the site from the east was being maintained by the San Bernardino County Road Department. Although the road appeared even better maintained in the 1955 aerial photographs, it is not clear whether the site was active at this time.

Around 1967, San Bernardino County Flood Control diverted the active channel of Lytle Creek from the western side of the landfill to eastern side. At about this time, they reportedly hauled in inert material to reinforce the eastern bank of the landfill. Rubble, concrete lamp posts, and other inert material is currently visible on this side of the site. Comparison of 1969 photographs with earlier photographs indicates that the eastern side of the site was partially removed before the remaining bank was reinforced.

Water Supply Wells in the Area

Four water supply wells maintained and operated by the Muscoy Water District exist in the Lytle Creek floodway approximately one-half mile upgradient (north) of the landfill site. The wells are screened 450 feet below the ground surface. The static water level in the wells is at 150 feet bgs. Historically, the wells have produced water of consistently good quality. The District collects and analyzes water samples each week. The City of Rialto may have water supply wells downgradient of the site.

Agency Records of the Site

Several government agencies were contacted in order to find any written documentation or information concerning the disposal site. The San Bernardino Solid Waste Management Group, Department of Environmental Health Services, Real Estate Planning Group, and Flood Control and Transportation Group have no record of the disposal site. The County does not hold any permits, have access rights, or leased land in the vicinity of the landfill. County personnel who clearly remembered the landfill do not recall the County ever using the site for refuse disposal.

The Cities of San Bernardino and Rialto have no record of the site or of disposing material at the site. None of the City employees interviewed remembered the site. The City of San Bernardino has reportedly not transported refuse or trash to this or any site north of Highland Avenue.

The Santa Ana Regional Water Quality Control Board also has no record of the site. The landfill is not included in the California Waste Management Board listing of active and inactive disposal sites in San Bernardino County and it is not included on the State ranking list for air and water solid waste assessment testing (SWAT).

Applicable Legislation

Although the permitting program for landfills did not begin until 1977, old and inactive sites are regulated under the California Administrative Code Subchapter 15, the California Water Code, and SWAT legislation. This legislation delineates environmental testing and monitoring and closure requirements for waste disposal sites. For inactive old sites in San Bernardino County, the lead government agencies are typically the Regional Water Quality Control Board (RWQCB) and the County Department of Environmental Health Services (DEHS).

According to the RWQCB, there is no reporting requirement for the site to their agency unless there is a proposed or existing discharge or a known leak to groundwater. Similarly, in conversations with the County DEHS, environmental testing or other information concerning the site was not requested. However in the future, if the site remains in place, the State or County may request CalMat to conduct testing and long-term environmental monitoring.

The RWQCB believes that the optimum approach for such sites is to perform a clean closure. This entails testing the waste and underlying soils to determine their chemical composition and physical properties and subsequently transporting all fill and any affected soils to an active landfill appropriately sited for that level of waste.

Please call me if you have any questions.

Sincerely,

Sandra Eccker

Sandra Eccker
Geochemist

LeROY CRANDALL
and ASSOCIATES

GEOTECHNICAL CONSULTANTS

CONSULTATION RE

STABILITY OF EXCAVATION SLOPES

CALMAT LYTLE CREEK RECLAMATION PLAN

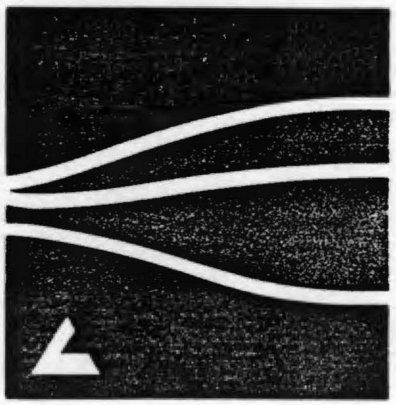
SAN BERNARDINO, CALIFORNIA

FOR

CALMAT

(LCA R90020.AO)

MAY 21, 1990



LeROY CRANDALL AND ASSOCIATES Geotechnical Consultants • One of the Law Companies

900 Grand Central Avenue, Glendale, California 91201-3009, Phone (818) 243-4140, Fax (818) 246-4308

Offices: Glendale • Anaheim • Marina del Rey • San Diego

May 21, 1990

CalMat
3200 San Fernando Road
Los Angeles, California 90065

(LCA R90020.AO)

Attention: Mr. Wesley A. Murray
Manager of Land Use Planning

Gentlemen:

Consultation re Stability of Excavation Slopes
CalMat Lytle Creek Reclamation Plan
San Bernardino, California

This report presents the results of our geotechnical study and stability evaluation of the proposed excavation slopes at the subject project. The scope of this evaluation was planned in collaboration with Mr. Douglas W. Sprague and Mr. Wesley A. Murray of your firm.

SCOPE

The purpose of this study was to provide information on the geotechnical properties of the materials underlying the site and to provide an assessment of the gross and surficial stability of the proposed excavation slopes that incorporates the effect of saturated conditions. Excavation limits to mitigate erosion impacts and consideration of changes in flow course due to bedload modification are being addressed by Nasland Engineering.

In our opinion, this evaluation could not have been undertaken using exploration borings and laboratory tests on samples obtained from borings, due to the oversized gravel and cobbles at the site. Therefore, we have based our evaluation regarding the stability of the proposed future slopes on our evaluation of other quarry slopes with similar soil conditions. The analyses of other existing quarries gives a more comprehensive picture of

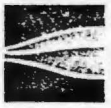
the strength of the soil deposits than laboratory testing, since the existing slopes in similar quarries are, in effect, full-scale tests in themselves.

The professional opinions presented in this report have been developed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable geotechnical consultants practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional advice included in this report.

SITE CONDITIONS

The subject site is located north and east of the intersection of Riverside Avenue and Highland Avenue near the convergence of Lytle Creek and Cajon Creek Wash. The mining operation covers approximately 1,028 acres, of which 909 acres are located within the boundaries of the Cajon-Lytle Creek 100-year-flood plain, as defined by the Federal Emergency Management Agency. We were provided with a topographic map dated October 27, 1987 (revised date April 26, 1990), prepared by CalMat Company and Nasland Engineering, which shows the existing and proposed elevation contours for the project. Based on the topographic map, the elevation of the site varies between about 1,600 feet and 1,275 feet above sea level. At present, there are near-vertical pit walls southeast of the currently active area on the order of 50 to 60 feet in height. In the "winter pit" area at the southwest corner of the site, existing slopes on the order of 25 to 40 feet in height are standing at an inclination of about ½:1 (horizontal to vertical). The active stream channel walls typically are inclined at ½:1 to near-vertical, and are on the order of 15 to 20 feet in height.

The natural stream bed is very broad and generally flat. It is presently proposed to mine to a depth of approximately 50 to 60 feet. The profile of the final excavation will be similar to the existing topography. The transition slopes will be graded with a 5:1 slope gradient. The mined area is planned so as to provide a slope setback of 200 feet and



150 feet from the easterly and westerly property boundaries, respectively. At the confluence of the Lytle Creek and Cajon Creek Wash, there will be a 5:1 transition slope into the existing grade adjacent to the site boundary.

A Southern Pacific Railroad easement is present to the north and east of the project. Land use of other surrounding areas consists of residential developments to the west, southwest, and east of the project. Portions of the flood plain are currently mined by other companies.

SOIL CONDITIONS

A site reconnaissance was made on April 20, 1990. The soils exposed in the sides of the existing quarry pits and active stream channels are well-graded sands with varying amounts of gravel, cobbles, and boulders. The deposits exhibit a natural cementation as evidenced by the near-vertical side walls in portions of the existing mines and stream channel. Typical grain size distribution curves for three representative samples collected at the site are shown on the attached Sheet 1, Particle Size Distribution.

STABILITY ANALYSES

GROSS STABILITY

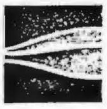
The stability of the proposed 5:1 transition slopes has been analyzed by Bishop's Simplified Method of Slices, using the TSTAB computer program available from Taga Engineering Software Services. The computer-generated calculations are applicable to assumed circular slip surfaces. The shear strength parameters in the analysis are based on our previous evaluations of other quarry operations with similar soil conditions. In these cases, it was assumed that existing quarry slopes were stable with a safety factor of 1.0, and the strength of the sand and gravel deposits required to achieve this stability was back-calculated. The analysis of other quarry slopes indicates that the shear strength of the sand and gravel deposits could be represented by an angle of internal friction of 40 degrees and a cohesion

of 400 pounds per square foot. The assumed apparent cohesion or cementation is considered justified, based on observations of near-vertical slopes that occur at this site and at other quarry sites.

Using the above strengths, we have determined that the proposed slopes will exhibit adequate stability, with calculated factors-of-safety well in excess of 1.5, under a dry and under a saturated condition. For the saturated slope condition, ground water levels are assumed to be equal to the ground surface. Calculations are included on Sheets 2 through 8.

The analyses used were under static loading conditions. The evaluation of seismic slope stability has also been addressed, by calculating permanent seismic deformation. Permanent deformations induced by strong ground motion may be analyzed by either non-linear numerical modeling or by simplified methods of analysis. The simplified methods of calculating permanent seismic deformation (PSD) was originally proposed by N.M. Newmark (1965) for cases where the potential for liquefaction or severe loss of shear strength in a slope or foundation during seismic shaking are not anticipated. A list of references is attached to this letter. Since Newmark's work, other simplified deformation analyses procedures based on his approach have been developed. Any rational method based on Newmark's approach can be considered an acceptable procedure for estimating earthquake-induced deformation in a slope. Acceptable methods include, but are not limited to, those methods developed by Seed and Martin (1966), Goodman and Seed (1966), Ambraseys and Sarma (1967), Sarma (1975, 1979), Lee (1977), Makdisi and Seed (1978), Franklin and Chang (1977), and Chang (1984).

In general, the PSD method in this case requires three fundamental steps. In step one, a pseudo-static limit equilibrium analysis is performed to determine the seismic coefficient (K) which will result in a calculated factor of safety for the proposed slope of 1.0. In step two, the peak ground acceleration values (Amax) and postulated design earthquake



(Richter magnitude) are determined, based on a probability of exceedance of 10% during an assumed 50-year time period. In step three, the permanent deformations are determined using standardized maximum displacement versus K/Amax charts such as presented by Makdisi and Seed (1977).

Using the above method, the seismic coefficient resulting in a factor of safety of 1.0 for the dry condition is 0.71. The critical seismic coefficient for a saturated condition is 0.32. For our deformation analysis, the design earthquake should be based on an event occurring along the San Jacinto fault; a peak ground acceleration of 0.54g associated with a magnitude 7.5 earthquake was determined for this event. Using the standardized chart developed by Makdisi and Seed, no seismic displacement is obtained for the dry slope condition and a permanent displacement of 2.3 feet was determined for a saturated slope condition. These results are satisfactory for the proposed slopes. Calculations are included on Sheets 9 through 22.

SURFICIAL STABILITY

The stability of the proposed 5:1 slope surface has been analyzed. The following assumptions have been made:

A. The slip surface is four feet from the slope surface and parallel to the slope.

B. The saturation is to extend four feet below the slope surface.

C. There is sufficient permeability to establish water flow and the flow lines are parallel to the slope surface. (This assumption is considered highly conservative due to the granular and highly permeable nature of the soil deposits. However, the assumption is generally required by the controlling governmental agencies.)

Based on the analyses, the proposed 5:1 slopes exhibit a calculated factor-of-safety well in excess of 1.5. Calculations are included on the attached Sheet 23, Surficial Stability Analysis.



CONCLUSIONS AND RECOMMENDATIONS

Based on our analyses, 5:1 cut slopes as planned to 60 feet in height are satisfactory. Calculated factors of safety in excess of 1.5 have been obtained for both the gross and surficial stability of the proposed slopes, under existing and saturated conditions. Due to the granular nature of the on-site materials, some erosion should be expected to occur over the years, particularly during high floods. However, this condition should not adversely affect the integrity of the overall slopes, or the stability of off-site improvements. The proposed setbacks are considered satisfactory.

Thank you for the opportunity to be of professional service. If you should have any questions or require additional information, please contact this office.

Respectfully submitted,

LeROY CRANDALL AND ASSOCIATES

Mark M. Kirkgard, Ph.D.
Senior Engineer



Marshall Lew, Ph.D.
Principal Engineer/Vice President



S10-3/mcs
Attachments
(6 copies submitted)

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Ambraseys, N.N. and Sarma, S.K., 1967, "The Response of Earth Dams to Strong Earthquakes," Geotechnique, Vol. 17, No. 3.

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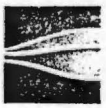
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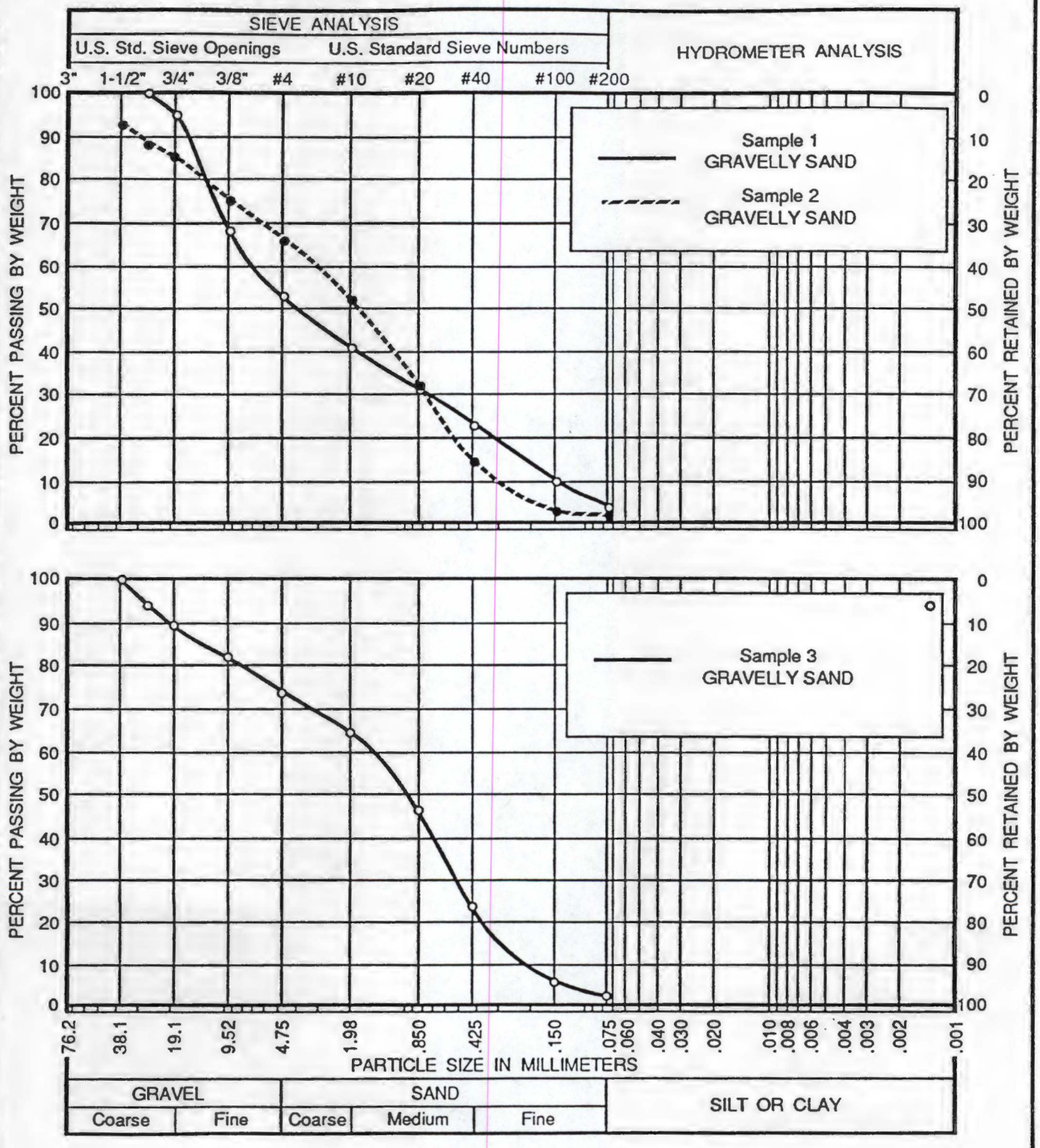
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JOB R90020.AO DATE 5/15/90 BY dmh O.E. MMK CHKD.



PARTICLE SIZE DISTRIBUTION

LeROY CRANDALL AND ASSOCIATES

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TSTAB  slope stability analysis
   Revision 2.52 - 01/06/86

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        Berkeley, California USA

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Design Professionals Management Systems
        Kirkland, Washington USA

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!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
  DRY CONDITION
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!



!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
  ANALYSIS BY BISHOP'S SIMPLIFIED METHOD
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!!!!!!!!!!!!!!!
  INPUT DATA
!!!!!!!!!!!!!!!


 CONTROL DATA,
      AUTOMATIC SEARCH FOR CRITICAL CIRCLE
      NUMBER OF DEPTH LIMITING TANGENTS                0
      NUMBER OF VERTICAL SECTIONS                      4
      NUMBER OF SOIL LAYER BOUNDARIES                  2
      NUMBER OF POINTS DEFINING COHESION PROFILE       0
      NUMBER OF CURVES DEFINING COHESION ANISOTROPY    0
      NUMBER OF BOUNDARY LINE LOADS                    0
      NUMBER OF BOUNDARY PRESSURE LOADS                0

      SEISMIC COEFFICIENT                  =        .000
      ATMOSPHERIC PRESSURE                 =        .000
      UNIT WEIGHT OF WATER                 =      62.400
      UNIT WEIGHT OF WATER IN TENSION CRACK =     62.400

 SEARCH STARTS AT CENTER ( 324.0, -60.0),WITH FINAL GRID OF  5.0

 ALL CIRCLES PASS THROUGH THE POINT ( 420.0, 360.0)

 GEOMETRY

     SECTIONS        .00   120.00   420.00   540.00

     T. CRACKS    300.00   300.00   360.00   360.00
     W IN CRACK   300.00   300.00   360.00   360.00
     BOUNDARY 1   300.00   300.00   360.00   360.00
     BOUNDARY 2   450.00   450.00   450.00   450.00

 SOIL PROPERTIES

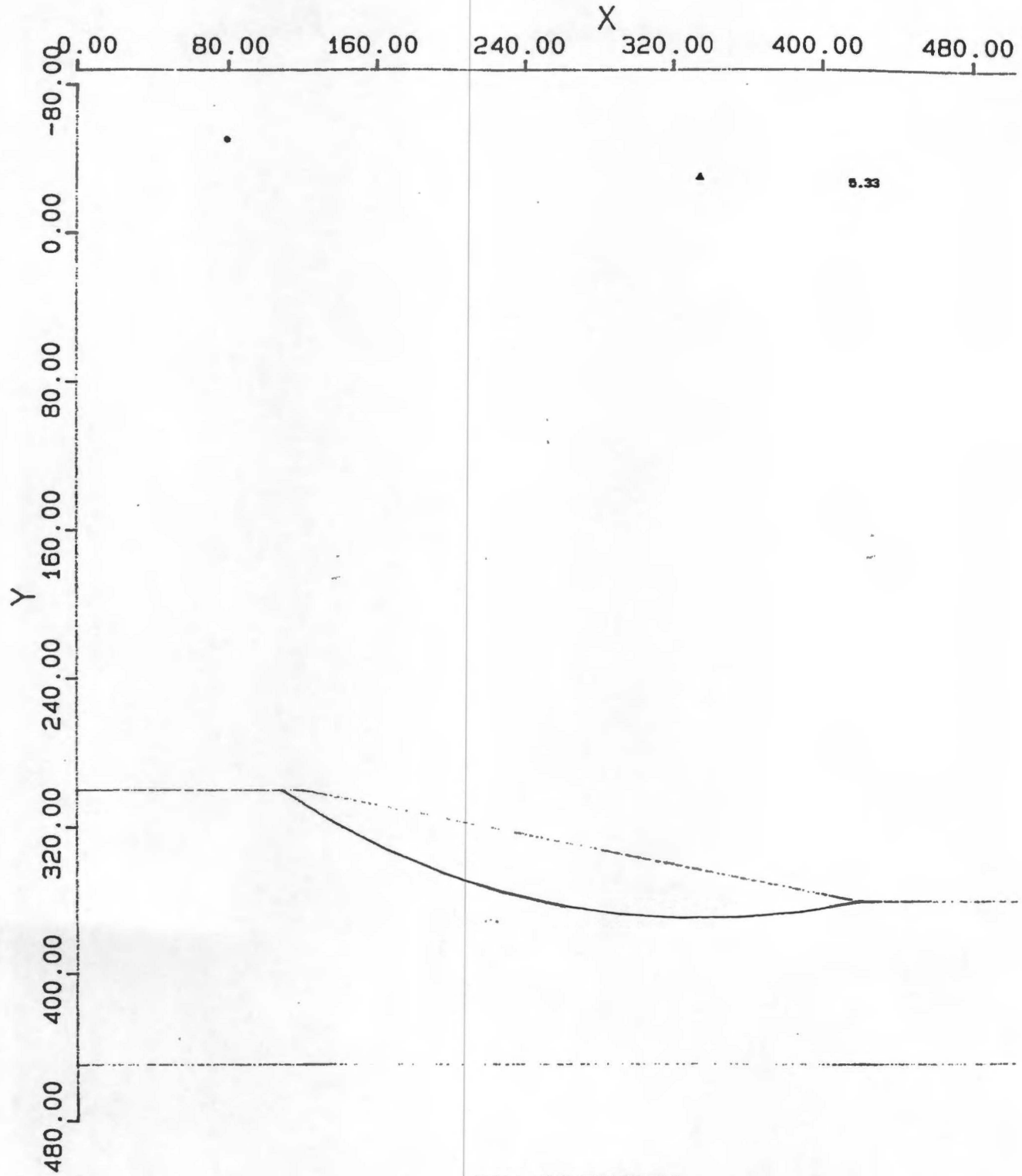
      LAYER   DENSITY    COHESION  FRICTION ANGLE  DELTA PHI
        1      120.00      400.00       40.00         .00
1
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!!!!!!!!!!!
RESULTS
!!!!!!!!!!!

NUMBER	TANGENT	RADIUS	(X) CENTER	(Y) CENTER	F.S.
1	370.8	430.8	324.0	-60.0	5.401
2	373.2	433.2	314.0	-60.0	5.511
3	370.6	440.6	324.0	-70.0	5.416
4	368.7	428.7	334.0	-60.0	5.343
5	371.1	421.1	324.0	-50.0	5.387
6	369.7	429.7	329.0	-60.0	5.365
7	368.6	433.6	334.0	-65.0	5.346
8	367.7	427.7	339.0	-60.0	5.338
9	368.8	423.8	334.0	-55.0	5.339
10	367.6	432.6	339.0	-65.0	5.340
11	366.8	426.8	344.0	-60.0	5.355
12	367.8	422.8	339.0	-55.0	5.338
13	368.8	423.8	334.0	-55.0	5.339
14	366.9	421.9	344.0	-55.0	5.358
15	367.9	417.9	339.0	-50.0	5.337
16	368.9	418.9	334.0	-50.0	5.337
17	367.0	417.0	344.0	-50.0	5.362
18	368.0	413.0	339.0	-45.0	5.338
19	370.0	420.0	329.0	-50.0	5.354
20	368.8	423.8	334.0	-55.0	5.339
21	369.0	414.0	334.0	-45.0	5.334
22	370.1	415.1	329.0	-45.0	5.350
23	368.0	413.0	339.0	-45.0	5.338
24	369.1	409.1	334.0	-40.0	5.333
25	370.2	410.2	329.0	-40.0	5.346
26	368.1	408.1	339.0	-40.0	5.340
27	369.3	404.3	334.0	-35.0	5.332
28	370.3	405.3	329.0	-35.0	5.342
29	368.2	403.2	339.0	-35.0	5.342
30	369.4	399.4	334.0	-30.0	5.331
31	370.5	400.5	329.0	-30.0	5.339
32	368.3	398.3	339.0	-30.0	5.345
33	369.5	394.5	334.0	-25.0	5.332
34	370.3	405.3	329.0	-35.0	5.342
35	368.2	403.2	339.0	-35.0	5.342
36	368.4	393.4	339.0	-25.0	5.349
37	370.6	395.6	329.0	-25.0	5.337

F.S. MINIMUM= 5.331 FOR THE CIRCLE OF CENTER (334.0, -30.0)

Opened plot file: A:R90020.P01
Saved plot file: A:R90020.P01



DRY CONDITION
RESULTS

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##################################################################
  SATURATED CONDITION
##################################################################


########################################
  ANALYSIS BY BISHOP'S SIMPLIFIED METHOD
########################################


###############
  INPUT DATA
###############


CONTROL DATA,
     AUTOMATIC SEARCH FOR CRITICAL CIRCLE
     NUMBER OF DEPTH LIMITING TANGENTS                  0
     NUMBER OF VERTICAL SECTIONS                        4
     NUMBER OF SOIL LAYER BOUNDARIES                    2
     NUMBER OF POINTS DEFINING COHESION PROFILE         0
     NUMBER OF CURVES DEFINING COHESION ANISOTROPY      0
     NUMBER OF BOUNDARY LINE LOADS                      0
     NUMBER OF BOUNDARY PRESSURE LOADS                  0

     SEISMIC COEFFICIENT                  =        .000
     ATMOSPHERIC PRESSURE                 =        .000
     UNIT WEIGHT OF WATER                 =      62.400
     UNIT WEIGHT OF WATER IN TENSION CRACK =     62.400

SEARCH STARTS AT CENTER ( 444.0,    .0),WITH FINAL GRID OF  5.0

ALL CIRCLES PASS THROUGH THE POINT ( 540.0, 360.0)

GEOMETRY

    SECTIONS        .00   240.00   540.00   750.00

    T. CRACKS    300.00   300.00   360.00   360.00
    W IN CRACK   300.00   300.00   360.00   360.00
    BOUNDARY 1   300.00   300.00   360.00   360.00
    BOUNDARY 2   450.00   450.00   450.00   450.00

SOIL PROPERTIES

     LAYER   DENSITY    COHESION  FRICTION ANGLE  DELTA PHI
       1      120.00      400.00       40.00         .00

PORE PRESSURE DATA

    PHREATIC SURFACE OPTION

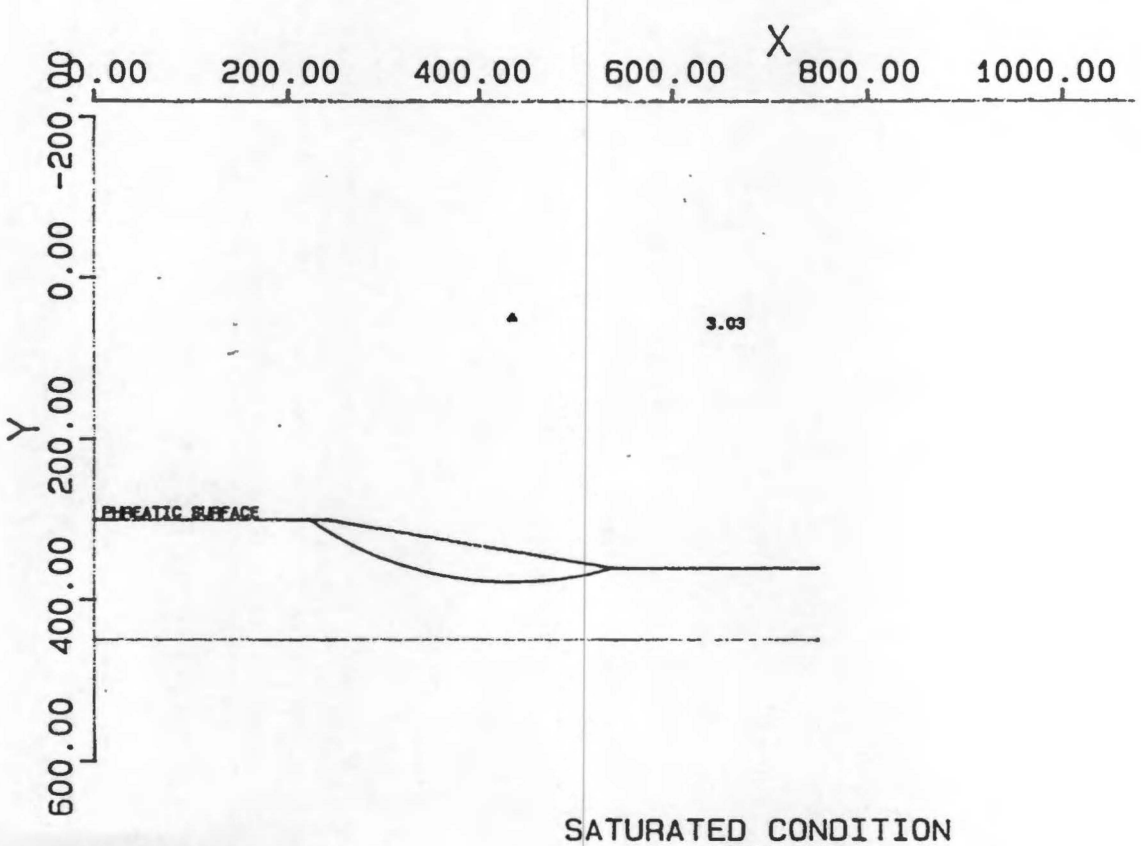
    SECTIONS        .00   240.00   540.00   750.00
    Y-COORDINATE OF PHREATIC
    SURFACE      301.00   301.00   361.00   361.00
1
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RESULTS
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NUMBER	TANGENT	RADIUS	(X) CENTER	(Y) CENTER	F.S.
1	372.6	372.6	444.0	.0	3.044
2	375.3	375.3	434.0	.0	3.044
3	372.3	382.3	444.0	-10.0	3.047
4	370.1	370.1	454.0	.0	3.098
5	372.9	362.9	444.0	10.0	3.043
6	374.3	364.3	439.0	10.0	3.035
7	372.8	367.8	444.0	5.0	3.044
8	371.6	361.6	449.0	10.0	3.065
9	373.1	358.1	444.0	15.0	3.043
10	375.7	365.7	434.0	10.0	3.038
11	374.1	369.1	439.0	5.0	3.037
12	374.5	359.5	439.0	15.0	3.033
13	375.9	360.9	434.0	15.0	3.035
14	373.1	358.1	444.0	15.0	3.043
15	374.7	354.7	439.0	20.0	3.032
16	376.1	356.1	434.0	20.0	3.033
17	373.3	353.3	444.0	20.0	3.043
18	374.9	349.9	439.0	25.0	3.031
19	376.4	351.4	434.0	25.0	3.031
20	373.5	348.5	444.0	25.0	3.044
21	375.1	345.1	439.0	30.0	3.030
22	376.6	346.6	434.0	30.0	3.029
23	373.7	343.7	444.0	30.0	3.045
24	375.3	340.3	439.0	35.0	3.030
25	378.2	348.2	429.0	30.0	3.039
26	376.4	351.4	434.0	25.0	3.031
27	376.8	341.8	434.0	35.0	3.028
28	378.4	343.4	429.0	35.0	3.036
29	375.3	340.3	439.0	35.0	3.030
30	377.1	337.1	434.0	40.0	3.027
31	378.7	338.7	429.0	40.0	3.034
32	375.6	335.6	439.0	40.0	3.030
33	377.4	332.4	434.0	45.0	3.026
34	379.0	334.0	429.0	45.0	3.033
35	375.8	330.8	439.0	45.0	3.031
36	377.6	327.6	434.0	50.0	3.026
37	379.3	329.3	429.0	50.0	3.032
38	376.0	326.0	439.0	50.0	3.033
39	377.9	322.9	434.0	55.0	3.026
40	379.0	334.0	429.0	45.0	3.033
41	375.8	330.8	439.0	45.0	3.031
42	376.3	321.3	439.0	55.0	3.034
43	379.6	324.6	429.0	55.0	3.031

F.S. MINIMUM= 3.026 FOR THE CIRCLE OF CENTER (434.0, 50.0)

Opened plot file: A:R90020.P01
Saved plot file: A:R90020.P01



SATURATED CONDITION
RESULTS

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**********************************************************************
  DRY,DYNAMIC CONDITION
**********************************************************************


**************************************
  ANALYSIS BY BISHOP'S SIMPLIFIED METHOD
**************************************


***************
  INPUT DATA
***************


 CONTROL DATA,
      AUTOMATIC SEARCH FOR CRITICAL CIRCLE
      NUMBER OF DEPTH LIMITING TANGENTS                0
      NUMBER OF VERTICAL SECTIONS                      4
      NUMBER OF SOIL LAYER BOUNDARIES                  2
      NUMBER OF POINTS DEFINING COHESION PROFILE       0
      NUMBER OF CURVES DEFINING COHESION ANISOTROPY    0
      NUMBER OF BOUNDARY LINE LOADS                    0
      NUMBER OF BOUNDARY PRESSURE LOADS                0

      SEISMIC COEFFICIENT                 =        .200
      ATMOSPHERIC PRESSURE                =        .000
      UNIT WEIGHT OF WATER                =      62.400
      UNIT WEIGHT OF WATER IN TENSION CRACK =    62.400

 AUTOMATIC SEARCH FOR CRITICAL SEISMIC COEFFICIENT WITH MOVING CENTER
      SEARCH FOR CRITICAL SEISMIC COEFFICIENT IS SPECIFIED
          WITH TOLERANCE ON SEARCH =        .120

 SEARCH STARTS AT CENTER ( 314.0, -30.0),WITH FINAL GRID OF  5.0

 ALL CIRCLES PASS THROUGH THE POINT ( 420.0, 360.0)

 GEOMETRY

     SECTIONS        .00   120.00   420.00   630.00

     T. CRACKS    300.00   300.00   360.00   360.00
     W IN CRACK   300.00   300.00   360.00   360.00
     BOUNDARY 1   300.00   300.00   360.00   360.00
     BOUNDARY 2   450.00   450.00   450.00   450.00

 SOIL PROPERTIES

      LAYER   DENSITY    COHESION  FRICTION ANGLE  DELTA PHI
        1      120.00      400.00       40.00         .00
1
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RESULTS
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NUMBER	TANGENT	RADIUS	(X) CENTER	(Y) CENTER	F.S.
1	374.1	404.1	314.0	-30.0	2.592
2	376.9	406.9	304.0	-30.0	2.621
3	373.8	413.8	314.0	-40.0	2.592
4	371.6	401.6	324.0	-30.0	2.576
5	374.5	394.5	314.0	-20.0	2.592
6	372.9	402.9	319.0	-30.0	2.582
7	371.5	406.5	324.0	-35.0	2.576
8	370.5	400.5	329.0	-30.0	2.576
9	371.8	396.8	324.0	-25.0	2.577
10	370.3	405.3	329.0	-35.0	2.575
11	369.4	399.4	334.0	-30.0	2.580
12	370.6	395.6	329.0	-25.0	2.576
13	371.5	406.5	324.0	-35.0	2.576
14	370.2	410.2	329.0	-40.0	2.574
15	369.3	404.3	334.0	-35.0	2.579
16	371.4	411.4	324.0	-40.0	2.576
17	370.1	415.1	329.0	-45.0	2.574
18	369.1	409.1	334.0	-40.0	2.578
19	371.2	416.2	324.0	-45.0	2.576
20	370.0	420.0	329.0	-50.0	2.574
21	369.0	414.0	334.0	-45.0	2.577
22	371.1	421.1	324.0	-50.0	2.576
23	369.9	424.9	329.0	-55.0	2.574
24	368.9	418.9	334.0	-50.0	2.576
25	371.0	426.0	324.0	-55.0	2.576
26	369.7	429.7	329.0	-60.0	2.574
27	368.8	423.8	334.0	-55.0	2.576
28	370.8	430.8	324.0	-60.0	2.577
29	368.7	428.7	334.0	-60.0	2.575
30	368.9	418.9	334.0	-50.0	2.576
31	371.1	421.1	324.0	-50.0	2.576

F.S. MINIMUM= 2.574 FOR THE CIRCLE OF CENTER (329.0, -55.0)

Opened plot file: A:R90020.P01
Saved plot file: A:R90020.P01

1

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BEGIN SEARCH FOR CRITICAL SEISMIC COEFFICIENT.

****

NUMBER	TANGENT	RADIUS	(X) CENTER	(Y) CENTER	F.S.
1	369.9	424.9	329.0	-55.0	2.025
2	373.5	423.5	314.0	-50.0	2.035
3	370.8	430.8	324.0	-60.0	2.026
4	368.9	418.9	334.0	-50.0	2.029
5	371.4	411.4	324.0	-40.0	2.027
6	372.3	422.3	319.0	-50.0	2.029
7	371.2	416.2	324.0	-45.0	2.026
8	372.1	427.1	319.0	-55.0	2.029
9	369.9	424.9	329.0	-55.0	2.025
10	370.1	415.1	329.0	-45.0	2.026
11	372.4	417.4	319.0	-45.0	2.029
12	369.7	429.7	329.0	-60.0	2.025
13	368.8	423.8	334.0	-55.0	2.028
14	370.8	430.8	324.0	-60.0	2.026
15	369.6	434.6	329.0	-65.0	2.025
16	368.7	428.7	334.0	-60.0	2.027
17	370.7	435.7	324.0	-65.0	2.025
18	369.5	439.5	329.0	-70.0	2.024
19	368.6	433.6	334.0	-65.0	2.027
20	370.6	440.6	324.0	-70.0	2.025
21	369.4	444.4	329.0	-75.0	2.024
22	368.5	438.5	334.0	-70.0	2.026
23	370.5	445.5	324.0	-75.0	2.026
24	369.3	449.3	329.0	-80.0	2.024
25	368.4	443.4	334.0	-75.0	2.026
26	370.4	450.4	324.0	-80.0	2.026
27	369.2	454.2	329.0	-85.0	2.024
28	368.3	448.3	334.0	-80.0	2.026
29	370.2	455.2	324.0	-85.0	2.026
30	368.2	453.2	334.0	-85.0	2.025
31	368.4	443.4	334.0	-75.0	2.026
32	370.5	445.5	324.0	-75.0	2.026

F.S. MINIMUM= 2.024 FOR THE CIRCLE OF CENTER (329.0, -80.0) AND SEISMIC COEFFICIENT = .30000

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Saved plot file: A:R90020.P02

****
ITERATION ON SEISMIC COEFFICIENT NO. 2
****

NUMBER	TANGENT	RADIUS	(X) CENTER	(Y) CENTER	F.S.
1	369.3	449.3	329.0	-80.0	1.432
2	372.7	447.7	314.0	-75.0	1.436
3	370.2	455.2	324.0	-85.0	1.431
4	368.4	443.4	334.0	-75.0	1.434
5	370.7	435.7	324.0	-65.0	1.433
6	371.3	456.3	319.0	-85.0	1.433
7	370.1	460.1	324.0	-90.0	1.431
8	369.2	454.2	329.0	-35.0	1.431
9	370.4	450.4	324.0	-80.0	1.432
10	371.2	461.2	319.0	-90.0	1.433
11	370.0	465.0	324.0	-95.0	1.431
12	369.1	459.1	329.0	-90.0	1.431
13	371.1	466.1	319.0	-95.0	1.433
14	369.9	469.9	324.0	-100.0	1.431
15	369.0	464.0	329.0	-95.0	1.431
16	371.0	471.0	319.0	-100.0	1.433
17	369.8	474.8	324.0	-105.0	1.431
18	368.9	468.9	329.0	-100.0	1.431
19	368.8	473.8	329.0	-105.0	1.430
20	368.0	468.0	334.0	-100.0	1.432
21	369.0	464.0	329.0	-95.0	1.431
22	369.8	474.8	324.0	-105.0	1.431
23	368.7	478.7	329.0	-110.0	1.430
24	367.9	472.9	334.0	-105.0	1.432
25	369.7	479.7	324.0	-110.0	1.431
26	368.6	483.6	329.0	-115.0	1.430
27	367.8	477.8	334.0	-110.0	1.432
28	369.6	484.6	324.0	-115.0	1.431
29	368.5	488.5	329.0	-120.0	1.430
30	367.7	482.7	334.0	-115.0	1.431
31	369.5	489.5	324.0	-120.0	1.431
32	368.5	493.5	329.0	-125.0	1.430
33	367.6	487.6	334.0	-120.0	1.431
34	369.4	494.4	324.0	-125.0	1.431
35	368.4	498.4	329.0	-130.0	1.430
36	367.6	492.6	334.0	-125.0	1.431
37	369.3	499.3	324.0	-130.0	1.431
38	367.5	497.5	334.0	-130.0	1.431
39	367.6	487.6	334.0	-120.0	1.431
40	369.5	489.5	324.0	-120.0	1.431

F.S. MINIMUM= 1.430 FOR THE CIRCLE OF CENTER (329.0,-125.0) AND SEISMIC COEFFICIENT = .48636

Opened plot file: A:R90020.P03
Saved plot file: A:R90020.P03

****
ITERATION ON SEISMIC COEFFICIENT NO. 3
****

NUMBER	TANGENT	RADIUS	(X) CENTER	(Y) CENTER	F.S.
1	368.5	493.5	329.0	-125.0	1.170
2	371.6	491.6	314.0	-120.0	1.174
3	369.3	499.3	324.0	-130.0	1.171
4	367.6	487.6	334.0	-120.0	1.172
5	369.7	479.7	324.0	-110.0	1.171
6	370.5	490.5	319.0	-120.0	1.172
7	369.6	484.6	324.0	-115.0	1.171
8	370.4	495.4	319.0	-125.0	1.172
9	368.5	493.5	329.0	-125.0	1.170
10	368.6	483.6	329.0	-115.0	1.171
11	370.6	485.6	319.0	-115.0	1.172
12	368.4	498.4	329.0	-130.0	1.170
13	367.6	492.6	334.0	-125.0	1.172
14	369.3	499.3	324.0	-130.0	1.171
15	368.3	503.3	329.0	-135.0	1.170
16	367.5	497.5	334.0	-130.0	1.171
17	369.2	504.2	324.0	-135.0	1.171
18	368.2	508.2	329.0	-140.0	1.170
19	367.4	502.4	334.0	-135.0	1.171
20	369.1	509.1	324.0	-140.0	1.170
21	368.1	513.1	329.0	-145.0	1.170
22	367.3	507.3	334.0	-140.0	1.171
23	369.0	514.0	324.0	-145.0	1.170
24	368.1	518.1	329.0	-150.0	1.170
25	367.3	512.3	334.0	-145.0	1.171
26	369.0	519.0	324.0	-150.0	1.170
27	368.0	523.0	329.0	-155.0	1.170
28	367.2	517.2	334.0	-150.0	1.171
29	368.9	523.9	324.0	-155.0	1.170
30	367.9	527.9	329.0	-160.0	1.170
31	367.1	522.1	334.0	-155.0	1.171
32	368.8	528.8	324.0	-160.0	1.171
33	367.8	532.8	329.0	-165.0	1.170
34	367.1	527.1	334.0	-160.0	1.171
35	368.7	533.7	324.0	-165.0	1.171
36	367.0	532.0	334.0	-165.0	1.171
37	367.1	522.1	334.0	-155.0	1.171
38	368.9	523.9	324.0	-155.0	1.170

F.S. MINIMUM= 1.170 FOR THE CIRCLE OF CENTER (329.0,-160.0) AND SEISMIC COEFFICIENT = .62129

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Saved plot file: A:R90020.P04

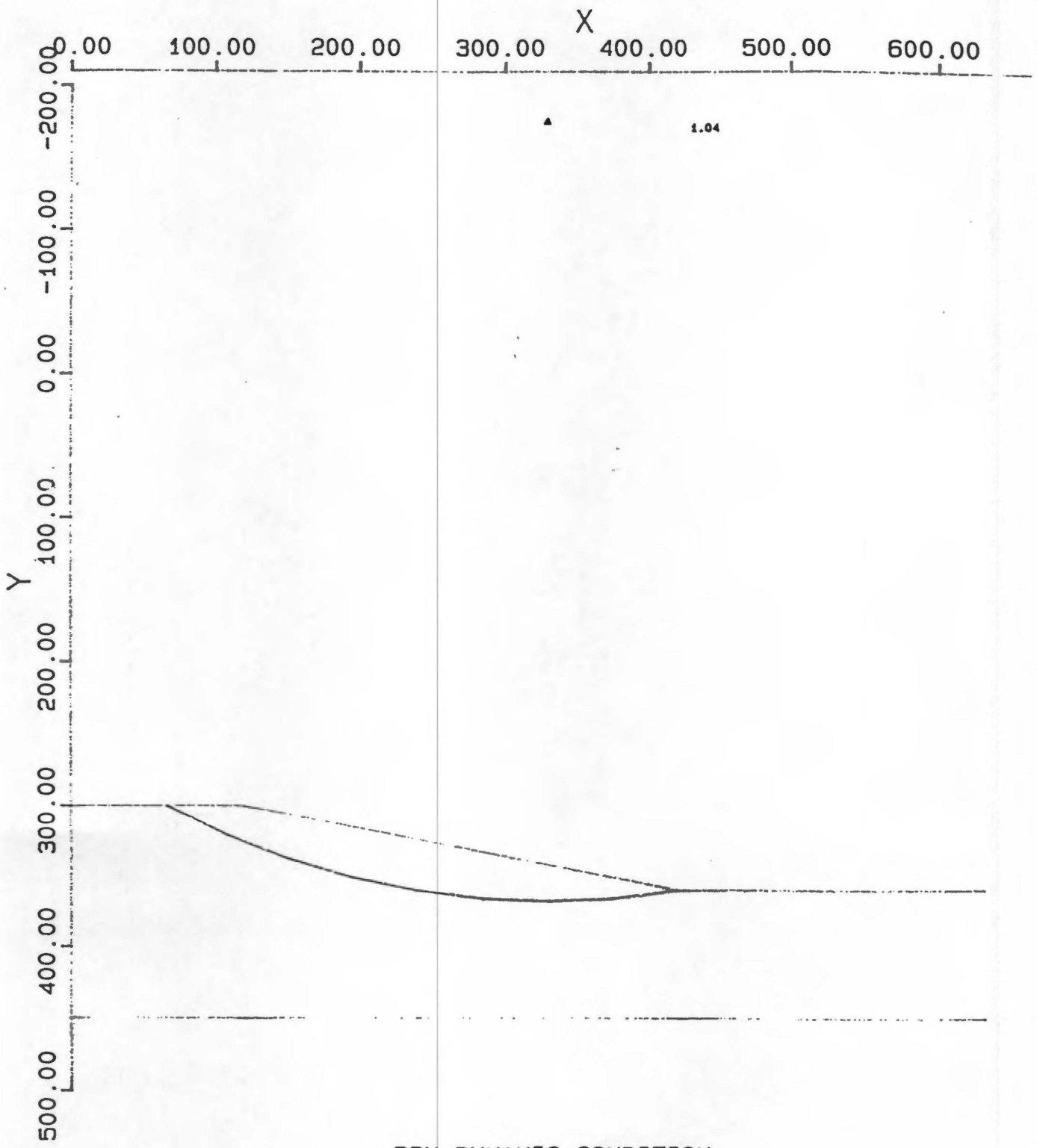
##
ITERATION ON SEISMIC COEFFICIENT NO. 4
##

NUMBER	TANGENT	RADIUS	(X) CENTER	(Y) CENTER	F.S.
1	367.9	527.9	329.0	-160.0	1.042
2	370.8	525.8	314.0	-155.0	1.046
3	368.7	533.7	324.0	-165.0	1.043
4	367.1	522.1	334.0	-155.0	1.043
5	369.0	514.0	324.0	-145.0	1.043
6	369.8	524.8	319.0	-155.0	1.044
7	369.0	519.0	324.0	-150.0	1.043
8	369.7	529.7	319.0	-160.0	1.044
9	367.9	527.9	329.0	-160.0	1.042
10	368.1	518.1	329.0	-150.0	1.043
11	369.9	519.9	319.0	-150.0	1.044
12	367.8	532.8	329.0	-165.0	1.042
13	367.1	527.1	334.0	-160.0	1.043
14	368.7	533.7	324.0	-165.0	1.043
15	367.8	537.8	329.0	-170.0	1.042
16	367.0	532.0	334.0	-165.0	1.043
17	368.6	538.6	324.0	-170.0	1.043
18	367.7	542.7	329.0	-175.0	1.042
19	366.9	536.9	334.0	-170.0	1.043
20	368.5	543.5	324.0	-175.0	1.043
21	367.6	547.6	329.0	-180.0	1.042
22	366.9	541.9	334.0	-175.0	1.043
23	368.5	548.5	324.0	-180.0	1.043
24	366.8	546.8	334.0	-180.0	1.043
25	366.9	536.9	334.0	-170.0	1.043
26	368.6	538.6	324.0	-170.0	1.043

F.S. MINIMUM= 1.042 FOR THE CIRCLE OF CENTER (329.0,-175.0) AND SEISMIC COEFFICIENT = .70952

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Saved plot file: A:R90020.P05

CRITICAL SEISMIC COEFFICIENT = .70952



DRY, DYNAMIC CONDITION
RESULTS

```
**********************************************************************
  SATURATED,DYNAMIC CONDITION
**********************************************************************


**************************************
  ANALYSIS BY BISHOP'S SIMPLIFIED METHOD
**************************************


***************
  INPUT DATA
***************


CONTROL DATA,
     AUTOMATIC SEARCH FOR CRITICAL CIRCLE
     NUMBER OF DEPTH LIMITING TANGENTS                  0
     NUMBER OF VERTICAL SECTIONS                        4
     NUMBER OF SOIL LAYER BOUNDARIES                    2
     NUMBER OF POINTS DEFINING COHESION PROFILE         0
     NUMBER OF CURVES DEFINING COHESION ANISOTROPY      0
     NUMBER OF BOUNDARY LINE LOADS                      0
     NUMBER OF BOUNDARY PRESSURE LOADS                  0

     SEISMIC COEFFICIENT                  =       .200
     ATMOSPHERIC PRESSURE                 =       .000
     UNIT WEIGHT OF WATER                 =     62.400
     UNIT WEIGHT OF WATER IN TENSION CRACK =    62.400

AUTOMATIC SEARCH FOR CRITICAL SEISMIC COEFFICIENT WITH MOVING CENTER
     SEARCH FOR CRITICAL SEISMIC COEFFICIENT IS SPECIFIED
          WITH TOLERANCE ON SEARCH =       .120

SEARCH STARTS AT CENTER ( 434.0,  50.0),WITH FINAL GRID OF  5.0

ALL CIRCLES PASS THROUGH THE POINT ( 540.0, 360.0)

GEOMETRY

    SECTIONS        .00   240.00   540.00   750.00

    T. CRACKS    300.00   300.00   360.00   360.00
    W IN CRACK   300.00   300.00   360.00   360.00
    BOUNDARY 1   300.00   300.00   360.00   360.00
    BOUNDARY 2   450.00   450.00   450.00   450.00

SOIL PROPERTIES

     LAYER   DENSITY    COHESION  FRICTION ANGLE  DELTA PHI
       1      120.00      400.00       40.00         .00

PORE PRESSURE DATA

    PHREATIC SURFACE OPTION

    SECTIONS        .00   240.00   540.00   750.00
    Y-COORDINATE OF PHREATIC
    SURFACE      301.00   301.00   361.00   361.00
1
```

```
$$$$$$$$$$
  RESULTS
$$$$$$$$$$
```

NUMBER	TANGENT	RADIUS	(X) CENTER	(Y) CENTER	F.S.
1	377.6	327.6	434.0	50.0	1.440
2	381.0	331.0	424.0	50.0	1.438
3	377.1	337.1	434.0	40.0	1.438
4	374.5	324.5	444.0	50.0	1.460
5	378.2	318.2	434.0	60.0	1.444
6	378.7	338.7	429.0	40.0	1.435
7	376.8	341.8	434.0	35.0	1.437
8	375.6	335.6	439.0	40.0	1.444
9	377.4	332.4	434.0	45.0	1.439
10	380.4	340.4	424.0	40.0	1.436
11	378.4	343.4	429.0	35.0	1.434
12	379.0	334.0	429.0	45.0	1.436
13	380.1	345.1	424.0	35.0	1.435
14	378.2	348.2	429.0	30.0	1.433
15	376.8	341.8	434.0	35.0	1.437
16	379.8	349.8	424.0	30.0	1.434
17	377.9	352.9	429.0	25.0	1.433
18	376.6	346.6	434.0	30.0	1.436
19	379.5	354.5	424.0	25.0	1.434
20	377.7	357.7	429.0	20.0	1.432
21	376.4	351.4	434.0	25.0	1.435
22	379.2	359.2	424.0	20.0	1.433
23	377.4	362.4	429.0	15.0	1.432
24	376.1	356.1	434.0	20.0	1.434
25	379.0	364.0	424.0	15.0	1.433
26	377.2	367.2	429.0	10.0	1.431
27	375.9	360.9	434.0	15.0	1.433
28	378.7	368.7	424.0	10.0	1.432
29	376.9	371.9	429.0	5.0	1.431
30	375.7	365.7	434.0	10.0	1.433
31	378.5	373.5	424.0	5.0	1.432
32	376.7	376.7	429.0	.0	1.431
33	375.5	370.5	434.0	5.0	1.432
34	378.2	378.2	424.0	.0	1.432
35	376.5	381.5	429.0	-5.0	1.431
36	375.3	375.3	434.0	.0	1.432
37	378.0	383.0	424.0	-5.0	1.432
38	376.3	386.3	429.0	-10.0	1.431
39	375.1	380.1	434.0	-5.0	1.432
40	377.8	387.8	424.0	-10.0	1.432
41	376.1	391.1	429.0	-15.0	1.431
42	374.9	384.9	434.0	-10.0	1.432
43	377.5	392.5	424.0	-15.0	1.432
44	374.7	389.7	434.0	-15.0	1.432
45	375.1	380.1	434.0	-5.0	1.432
46	378.0	383.0	424.0	-5.0	1.432

F.S. MINIMUM= 1.431 FOR THE CIRCLE OF CENTER (429.0, -10.0)

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```
**************************************************
  BEGIN SEARCH FOR CRITICAL SEISMIC COEFFICIENT
**************************************************
```

NUMBER	TANGENT	RADIUS	(X) CENTER	(Y) CENTER	F.S.
1	376.3	386.3	429.0	-10.0	1.965
2	381.1	386.1	414.0	-5.0	1.990
3	377.5	392.5	424.0	-15.0	1.972
4	375.1	380.1	434.0	-5.0	1.962
5	378.5	373.5	424.0	5.0	1.967
6	376.5	381.5	429.0	-5.0	1.964
7	374.9	384.9	434.0	-10.0	1.963
8	373.7	378.7	439.0	-5.0	1.966
9	375.3	375.3	434.0	.0	1.962
10	376.7	376.7	429.0	.0	1.963
11	373.9	373.9	439.0	.0	1.965
12	375.5	370.5	434.0	5.0	1.961
13	376.9	371.9	429.0	5.0	1.962
14	374.1	369.1	439.0	5.0	1.965
15	375.7	365.7	434.0	10.0	1.961
16	377.2	367.2	429.0	10.0	1.962
17	374.3	364.3	439.0	10.0	1.965
18	375.9	360.9	434.0	15.0	1.961
19	377.4	362.4	429.0	15.0	1.961
20	374.5	359.5	439.0	15.0	1.965
21	376.1	356.1	434.0	20.0	1.961
22	377.2	367.2	429.0	10.0	1.962
23	374.3	364.3	439.0	10.0	1.965
24	374.7	354.7	439.0	20.0	1.966
25	377.7	357.7	429.0	20.0	1.961

F.S. MINIMUM= 1.961 FOR THE CIRCLE OF CENTER (434.0, 15.0) AND SEISMIC COEFFICIENT = .10000

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Saved plot file: A:R90020.P02

ITERATION ON SEISMIC COEFFICIENT NO. 2

NUMBER	TANGENT	RADIUS	(X) CENTER	(Y) CENTER	F.S.
1	375.9	360.9	434.0	15.0	1.170
2	380.9	360.9	419.0	20.0	1.171
3	377.2	367.2	429.0	10.0	1.167
4	374.7	354.7	439.0	20.0	1.176
5	378.2	348.2	429.0	30.0	1.171
6	378.7	368.7	424.0	10.0	1.168
7	375.9	371.9	429.0	5.0	1.167
8	375.7	365.7	434.0	10.0	1.169
9	377.4	362.4	429.0	15.0	1.168
10	378.5	373.5	424.0	5.0	1.167
11	376.7	376.7	429.0	.0	1.166
12	375.5	370.5	434.0	5.0	1.169
13	378.2	378.2	424.0	.0	1.167
14	376.5	381.5	429.0	-5.0	1.166
15	375.3	375.3	434.0	.0	1.168
16	378.0	383.0	424.0	-5.0	1.166
17	376.3	386.3	429.0	-10.0	1.166
18	375.1	380.1	434.0	-5.0	1.168
19	377.8	387.8	424.0	-10.0	1.166
20	376.1	391.1	429.0	-15.0	1.165
21	374.9	384.9	434.0	-10.0	1.167
22	377.5	392.5	424.0	-15.0	1.166
23	375.9	395.9	429.0	-20.0	1.165
24	374.7	389.7	434.0	-15.0	1.167
25	377.3	397.3	424.0	-20.0	1.165
26	375.7	400.7	429.0	-25.0	1.165
27	374.5	394.5	434.0	-20.0	1.167
28	377.1	402.1	424.0	-25.0	1.165
29	375.5	405.5	429.0	-30.0	1.165
30	374.3	399.3	434.0	-25.0	1.166
31	376.9	406.9	424.0	-30.0	1.165
32	375.3	410.3	429.0	-35.0	1.165
33	374.1	404.1	434.0	-30.0	1.166
34	376.7	411.7	424.0	-35.0	1.165
35	375.1	415.1	429.0	-40.0	1.165
36	374.0	409.0	434.0	-35.0	1.166
37	376.5	416.5	424.0	-40.0	1.165
38	374.9	419.9	429.0	-45.0	1.165
39	373.8	413.8	434.0	-40.0	1.166
40	376.3	421.3	424.0	-45.0	1.165
41	373.6	418.6	434.0	-45.0	1.166
42	374.0	409.0	434.0	-35.0	1.166
43	376.7	411.7	424.0	-35.0	1.165

F.S. MINIMUM= 1.165 FOR THE CIRCLE OF CENTER (429.0, -40.0) AND SEISMIC COEFFICIENT = .28130

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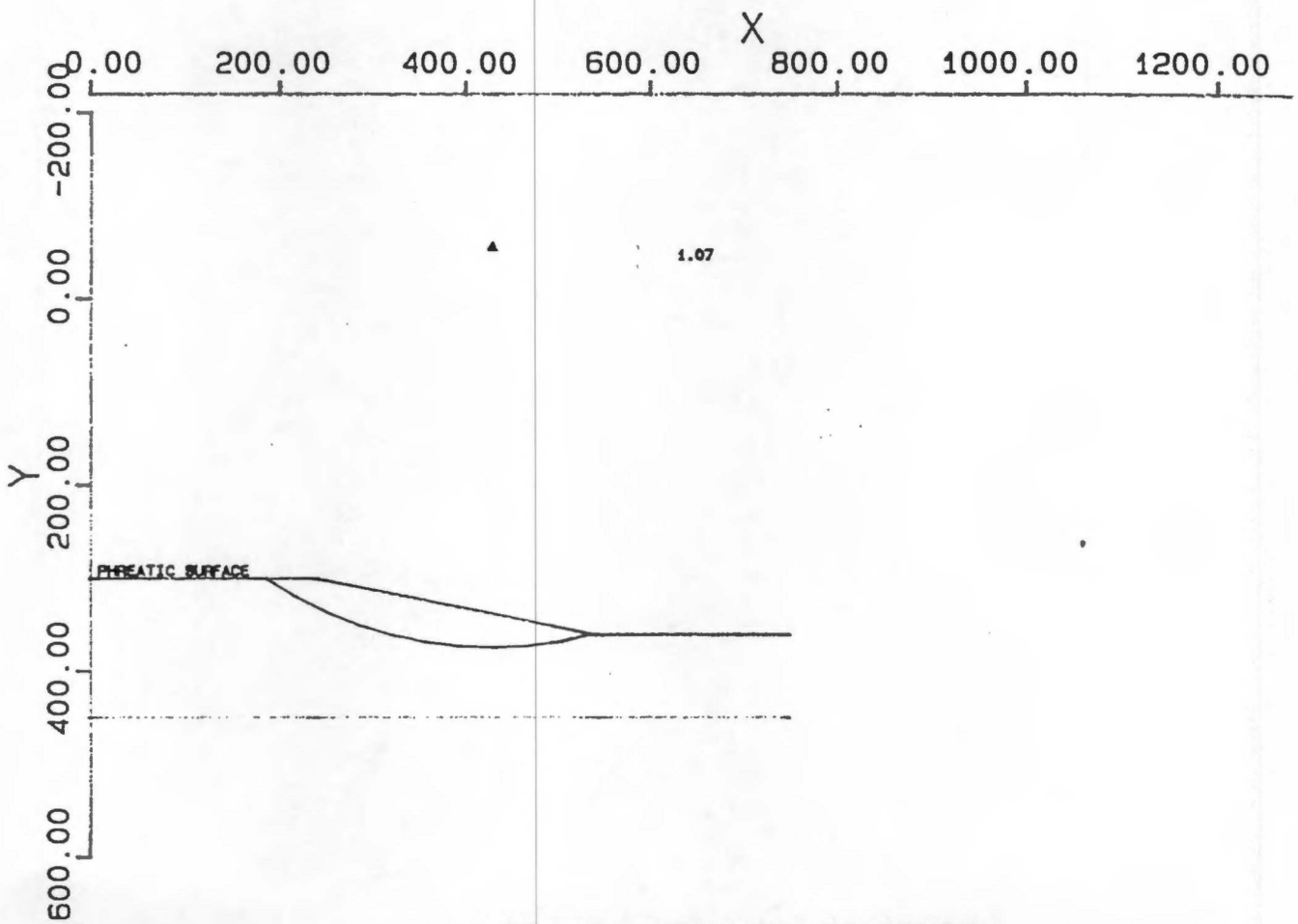
****
ITERATION ON SEISMIC COEFFICIENT NO. 3
****

NUMBER	TANGENT	RADIUS	(X) CENTER	(Y) CENTER	F.S.
1	375.1	415.1	429.0	-40.0	1.071
2	379.6	414.6	414.0	-35.0	1.075
3	376.3	421.3	424.0	-45.0	1.071
4	374.0	409.0	434.0	-35.0	1.073
5	377.1	402.1	424.0	-25.0	1.071
6	378.1	413.1	419.0	-35.0	1.072
7	376.9	406.9	424.0	-30.0	1.071
8	377.9	417.9	419.0	-40.0	1.072
9	375.1	415.1	429.0	-40.0	1.071
10	375.5	405.5	429.0	-30.0	1.071
11	378.3	408.3	419.0	-30.0	1.073
12	374.9	419.9	429.0	-45.0	1.071
13	373.8	413.8	434.0	-40.0	1.072
14	376.3	421.3	424.0	-45.0	1.071
15	374.8	424.8	429.0	-50.0	1.071
16	373.6	418.6	434.0	-45.0	1.072
17	376.1	426.1	424.0	-50.0	1.071
18	374.6	429.6	429.0	-55.0	1.071
19	373.5	423.5	434.0	-50.0	1.072
20	375.9	430.9	424.0	-55.0	1.071
21	374.4	434.4	429.0	-60.0	1.071
22	373.3	428.3	434.0	-55.0	1.072
23	375.7	435.7	424.0	-60.0	1.071
24	373.2	433.2	434.0	-60.0	1.072
25	373.5	423.5	434.0	-50.0	1.072
26	376.1	426.1	424.0	-50.0	1.071

F.S. MINIMUM= 1.071 FOR THE CIRCLE OF CENTER (429.0, -55.0) AND SEISMIC COEFFICIENT = .31881

Opened plot file: A:R90020.P04
Saved plot file: A:R90020.P04

CRITICAL SEISMIC COEFFICIENT = .31881



SATURATED, DYNAMIC CONDITION
RESULTS

Reference:

Makdisi, F.I. and Seed H.B., 1978, "A Simplified Procedure for Estimating Earthquake-Induced Deformations in Dams and Embankments," Journal of the Geotechnical Engineering Division, ASCE, Vol. 104, No. GT7.

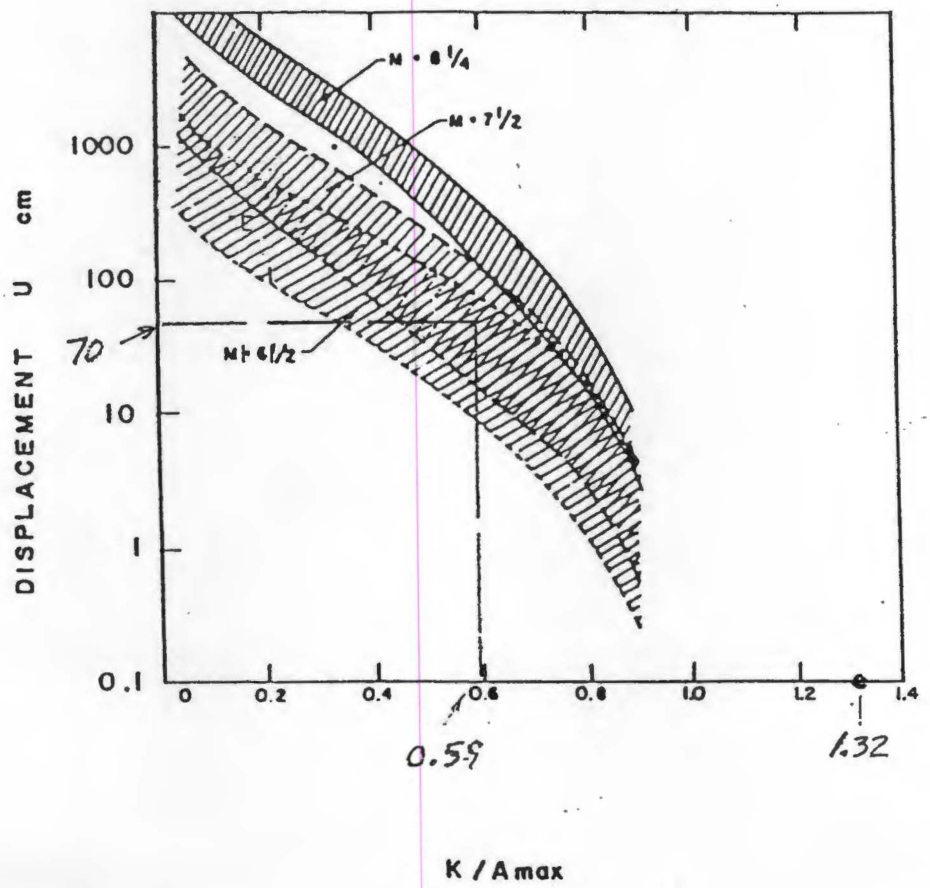


FIGURE 1

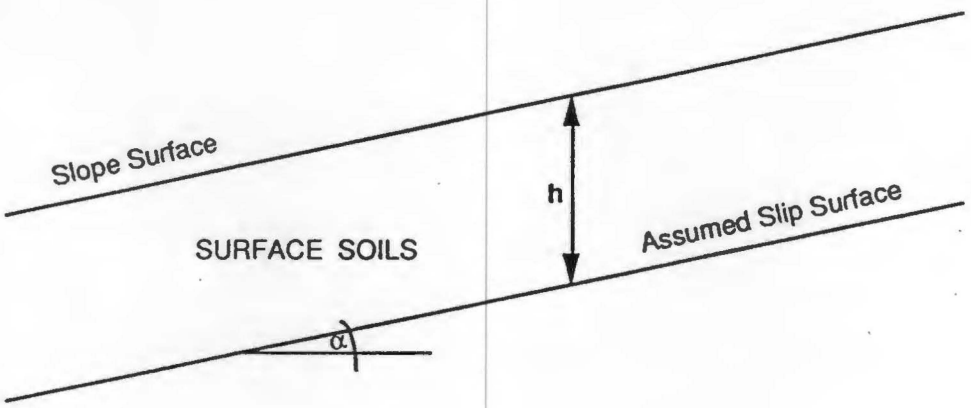
DRY CASE : $K/A_{MAX} = 0.71/0.54 = 1.32$

→ DISPLACEMENT ≃ 0

SATURATED CASE : $K/A_{MAX} = 0.32/0.54 = 0.59$

→ DISPLACEMENT ≃ 70 CM = 2.3 FT.

SURFICIAL STABILITY ANALYSIS



JOB R90020.AO DATE 5/18/90 W.P. dmh O.E. ES CHKD

ASSUMPTIONS:

1. The slip surface is 4 feet from the slope surface and parallel to the slope.
2. The saturation is to extend 4 feet below the slope surface.
3. There is sufficient permeability to establish water flow and the flow lines are parallel to the slope surface.

$$F.S. = \frac{C + (\gamma_t - \gamma_w)\, h \cos^2 \alpha \tan \varnothing}{\gamma_t \; h \cos \alpha \sin \alpha}$$

$$F.S. = \frac{400 + (120\text{-}62.4) \times 4 \cos^2 (11.3) \tan (40)}{120 \times 4 \times \cos (11.3) \sin (11.3)}$$

$F.S. >> 1.5$

F.S. = Factor-of-Safety
h = Vertical Depth of Saturation = 4 ft.
γ_t = Total Unit Weight of Saturated Soil = 120 pcf
γ_w = Unit Weight of Water = 62.4 pcf
C = Effective Cohesion = 400 psf
$\varnothing$ = Effective Friction Angle = 40°
α = Slope Angle = 11.3°

LeROY CRANDALL AND ASSOCIATES Geotechnical Consultants • One of the Law Companies

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Offices: Glendale • Anaheim • Marina del Rey • San Diego

June 1, 1990

Calmat
3200 San Fernando Road
Los Angeles, California 90065

(LCA R90020.AO)

Attention: Mr. Wesley A. Murray
Manager of Land Use Planning

Gentlemen:

Supplemental Stability Calculations
Proposed Winter Pit Slopes
Calmat Lytle Creek Reclamation Plan
San Bernardino, California

This letter will confirm our discussion with Mr. Douglas W. Sprague regarding the stability of the proposed slopes in the "winter pit" area of the subject project. We previously provided an evaluation of the stability of the proposed excavation slopes at the site and presented the results in report dated May 21, 1990.

The professional opinions presented in this letter have been developed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable geotechnical consultants practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional advice included in this letter.

We understand that the slopes in the "winter pit" area at the southeast corner of the site will be excavated at 2:1 (horizontal to vertical). Slopes up to 40 feet in height are planned. Currently, existing slopes in the "winter pit" are on the order of 25 to 40 feet in height and are standing at an inclination of about ½:1 (horizontal to vertical).

The gross stability of the proposed 2:1 slopes has been analyzed by using a stability chart. As described in our referenced report, the shear strength parameters in the analysis are based on our previous evaluations of other quarry operations with similar soil conditions. The analysis of other quarry slopes indicates that the shear strength of the sand and gravel deposits can be represented by an angle of internal friction of 40 degrees and a cohesion of 400 pounds per square foot.

Using the above strength, we have determined that the proposed slopes will exhibit a calculated factor-of-safety in excess of 1.5. Calculations are included on Plate 1, Slope Stability Analysis.

The surficial stability of the proposed 2:1 slope has been analyzed. The following assumptions have been made:

A. The slip surface is four feet from the slope surface and parallel to the slope.

B. The saturation is to extend four feet below the slope surface.

C. There is sufficient permeability to establish water flow and the flow lines are parallel to the slope surface. (This assumption is considered highly conservative due to the granular and highly permeable nature of the soil deposits. However, the assumption is generally required by the controlling governmental agencies.)

Based on the surficial slope analyses, the proposed 2:1 slopes exhibit a calculated factor-of-safety in excess of 1.5. Calculations are included on Plate 2, Surficial Stability Analysis.

In our opinion, the planned slopes are satisfactory from the stability viewpoint.

-oOo-

Thank you for the opportunity to be of continued professional service. If you have any questions or require additional information please contact this office.

Yours very truly,

LeROY CRANDALL AND ASSOCIATES

Mark M. Kirkgard, Ph.D.
Senior Engineer

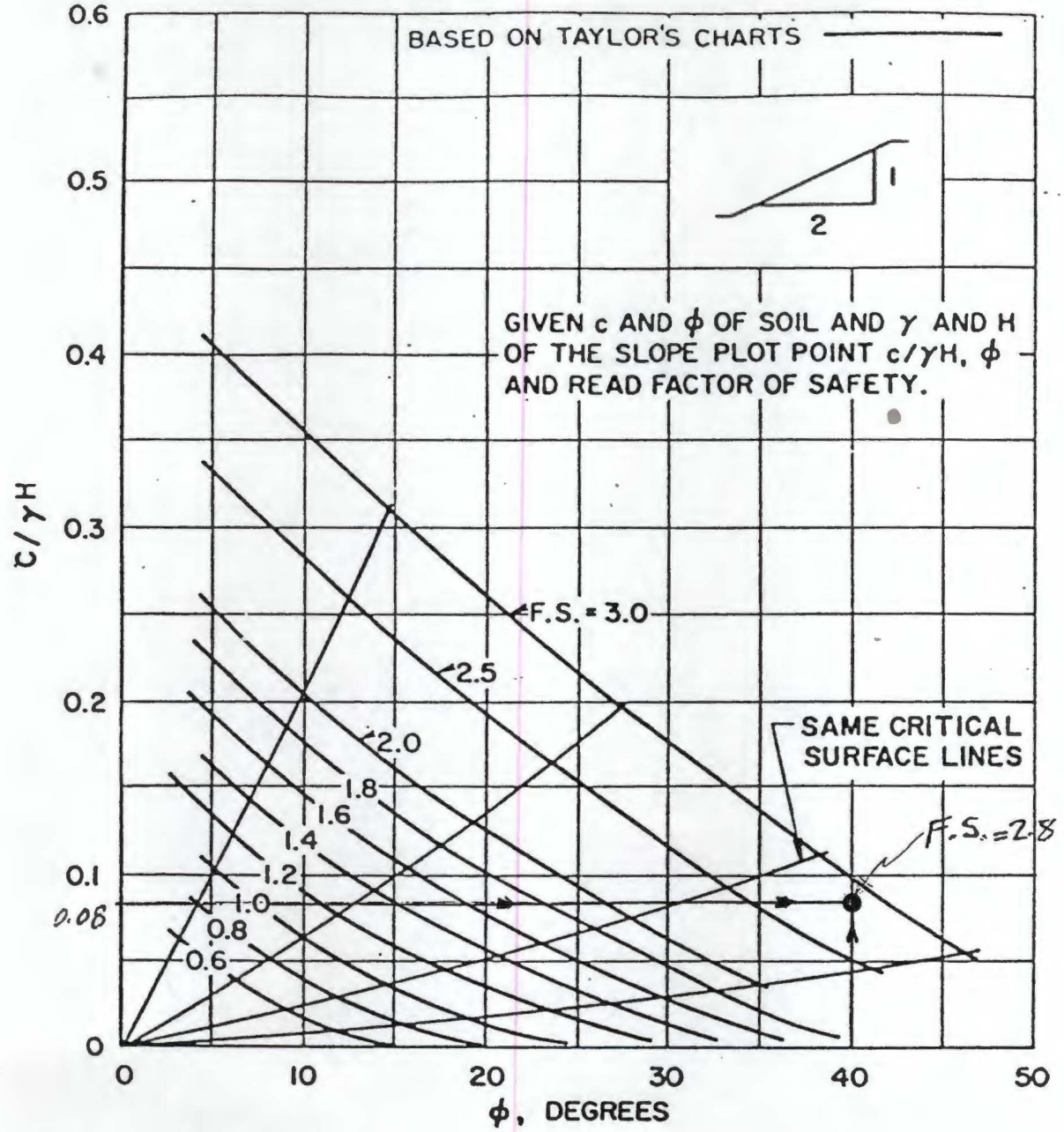
Marshall Lew, Ph.D.
Principal Engineer/Vice President





S2-14/mae
Attachments
(6 copies submitted)

SLOPE STABILITY ANALYSIS



From: Singh, Awtar, "Shear Strength and Stability of Man-Made Slopes"
Journal of the Soil Mechanics and Foundation Division, ASCE
No. SM6, November 1970, pp. 1879-1892

Assume: γ = 120 pcf ϕ = 40° C = 400 psf
H = 40'

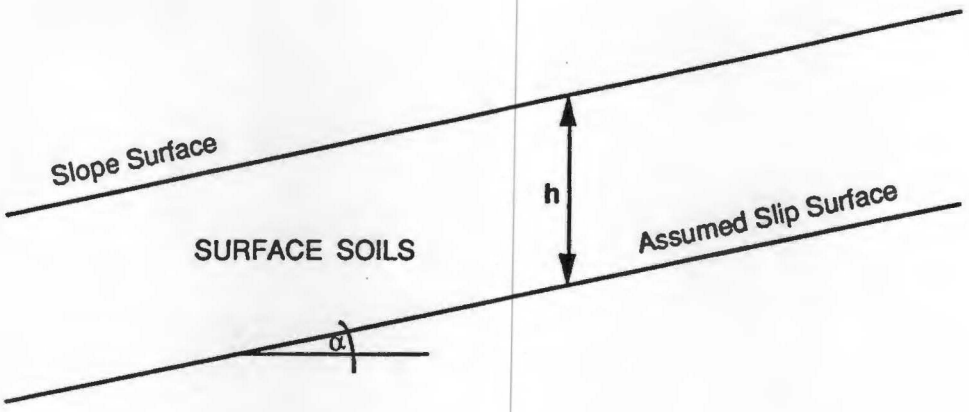
$$\frac{C}{\gamma H} = \frac{400}{120 \times 40} = 0.08 \longrightarrow \text{from Chart}$$

F.S. = 2.8

LeROY CRANDALL AND ASSOCIATES
PLATE 1

JOB R90020.AO DATE 5/30/90 W.P. dmh O.E. ES CHKD MMC

SURFICIAL STABILITY ANALYSIS



ASSUMPTIONS:

1. The slip surface is 4 feet from the slope surface and parallel to the slope.
2. The saturation is to extend 4 feet below the slope surface.

$$F.S. = \frac{C + (\gamma_t - \gamma_w)\, h \cos^2 \alpha \tan \varnothing}{\gamma_t \; h \cos \alpha \sin \alpha}$$

$$F.S. = \frac{400 + (120\text{-}62.4) \times 4 \cos^2 (26.6°) \times \tan (40°)}{120 \times 4 \times \cos (26.6°) \times \sin (26.6°)}$$

$$F.S. = 2.9$$

F.S. = Factor-of-Safety
h = Vertical Depth of Saturation = 4 ft.
γ_t = Total Unit Weight of Saturated Soil = 120 pcf
γ_w = Unit Weight of Water = 62.4 pcf
C = Effective Cohesion = 400 psf
$\varnothing$ = Effective Friction Angle = 40°
α = Slope Angle = 26.6°

LeROY CRANDALL AND ASSOCIATES

PLATE 2

JOB R90020.AO DATE 5/18/90 W.P. dmh O.E. ES CHKD

References

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Holland, R. 1986. Preliminary Descriptions of the Terrestrial Natural Communities of California. California Department of Fish and Game, Sacramento, CA.

Munz, P.A. and D.D. Keck. 1959. California Flora. University of California Press, Berkeley, CA.

Tierra Madre Consultants. 1988. Biological Assessment of the Proposed Glen Helen Sheriff's Training Facility Site. Unpublished report prepared for Tom Dodson and Associates and submitted to San Bernardino County Planning Department.

_____. 1989. Biological Assessment for the CalMat San Bernardino Mining Operation. Unpublished report prepared for CalMat Properties Co. and submitted to San Bernardino County Planning Department.

REDLINE CONCEPT FOR REVISED RECLAMATION PLAN FOR MINING IN LYTLE CREEK/CAJON CREEK CALMAT COMPANY SAN BERNARDINO, CALIFORNIA



NASLAND ENGINEERING
CIVIL ENGINEERING SURVEYING LAND PLANNING
3350 CHICAGO AVENUE, RIVERSIDE, CALIFORNIA, 92507
(714) 784-3300

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389-1062
APRIL 26, 1990

REDLINE CONCEPT FOR REVISED RECLAMATION PLAN FOR MINING IN LYTLE CREEK/CAJON CREEK

CALMAT COMPANY

SAN BERNARDINO, CALIFORNIA

SUMMARY:

THIS STUDY HAS BEEN MADE TO REVISE THE MINING PLAN FOR SAND/GRAVEL MINING AS A PART OF CALMAT'S RECLAMATION PROJECT IN LYTLE CREEK/CAJON CREEK IN SAN BERNARDINO. THE REVISED PLAN IS BASED ON THE REDLINE CONCEPT, WHICH PLACES LIMITS ON EXCAVATION TO MITIGATE EROSION IMPACTS ON THE STREAM CHANNEL.

A REDLINE FOR LYTLE/CAJON CREEK HAS BEEN DEVELOPED AS THE LIMIT FOR SAND/GRAVEL EXCAVATION, USING THE EXISTING OR NATURAL LONGITUDINAL BED PROFILE AS THE BASIS. THE REDLINE FOLLOWS THE EQUILIBRIUM PROFILE OF A NATURAL STREAM DEFINED BY THE EXPONENTIAL CURVE PROPOSED BY SHULITS (1941); IT REPRESENTS THE APPROXIMATE ELEVATION TOWARD WHICH THE STREAM CHANNEL ADJUSTS. EROSION WILL BE MINIMIZED SINCE THE REDLINE FOR EXCAVATION FOLLOWS A SMOOTH LONGITUDINAL PROFILE THAT CLOSELY APPROXIMATES THE EQUILIBRIUM PROFILE. BY FITTING THE EXISTING STREAM BED PROFILE TO THE EXPONENTIAL EQUATION, THE REDLINE IS ESTABLISHED. FOLLOWING THIS APPROACH MINIMIZES POTENTIAL CHANGES OF THE PRESENT STREAM BED WHILE ACCOMMODATING SAND/GRAVEL MINING.

THE NATURAL STREAM BED OF LYTLE/CAJON CREEK IS VERY BROAD AND GENERALLY FLAT, CHARACTERISTIC OF STEEP BRAIDED STREAMS CLASSIFIED IN RIVER MORPHOLOGY. BECAUSE OF THIS NATURAL FEATURE, SAND AND GRAVEL EXCAVATION SHOULD BE ALLOWED TO EXTEND TO WIDE AREAS WITHIN THE PROPERTY BOUNDARY, SUBJECT TO SMOOTH TRANSITIONS BETWEEN THE REDLINE AND PROPERTY BOUNDARIES.

THE TOPOGRAPHY OF THE FINAL EXCAVATION AS SHOWN BY THE RECLAMATION PLAN SHOULD NOT AFFECT SEDIMENT TRANSPORT IN THE STREAM CHANNEL SINCE A SMOOTH LONGITUDINAL PROFILE IS MAINTAINED TO FACILITATE SEDIMENT FLOW. IN ADDITION, THE EXISTING BED ELEVATION AND SLOPE AT THE HIGHLAND AVENUE CROSSING ARE MAINTAINED BY THE REDLINE, THUS MAINTAINING THE NATURAL STREAM BED PROFILE.

INTRODUCTION:

THE PURPOSE OF THIS REPORT IS TO SUPPLEMENT THE PREVIOUS REPORT ("REVISION TO A PLAN FOR RECLAMATION: SAN BERNARDINO") DATED MARCH, 1989, PREPARED BY CALMAT. THIS REPORT PROVIDES EXCAVATION LIMITS OF MINING, BASED ON THE "REDLINE CONCEPT", WHICH WILL MINIMIZE THE EROSION POTENTIAL OF THE FINAL EXCAVATED AREA AS SHOWN BY THE RECLAMATION PLAN. THE REDLINE OR PROFILE OF EQUILIBRIUM FOR THE STREAM BED IS DEVELOPED IN THIS STUDY USING BASIC ENGINEERING AND GEOMORPHIC PRINCIPLES.

THIS REPORT IS TO PRESENT THE CONCEPT OF REDLINE TO JUSTIFY THE LIMITS OF THE MINING OPERATION.

I. SCOPE:

THE REDLINE WILL BE SELECTED IN THIS STUDY USING ENGINEERING AND GEOMORPHIC PRINCIPLES. UNDER THE REDLINE SCHEME, SAND/GRAVEL MINING WILL COVER THE FULL EXTENT OF THE PROPERTY LEASED BY CALMAT, SUBJECT TO A SMOOTH TRANSITION FROM THE REDLINE TO THE PROPERTY BOUNDARY.

TO ACCOMPLISH THIS STUDY, THE FOLLOWING TASKS HAVE BEEN UNDERTAKEN:

a. COLLECTION OF BASIC DATA INCLUDING TOPOGRAPHIC MAPS, HYDROLOGICAL INFORMATION, EXTENT OF CURRENT MINING, SPILLWAY CREST ELEVATION AT DOWNSTREAM SEDIMENT BASIN, LONGITUDINAL PROFILE OF RIVER CHANNEL, ETC.

b. SITE VISITATION

c. ENGINEERING AND GEOMORPHIC ANALYSES TO ESTIMATE THE APPROXIMATE EQUILIBRIUM LONGITUDINAL PROFILE OF STREAM UNDER ITS EXISTING CONDITIONS. THIS LONGITUDINAL PROFILE IS THE BASIS OF THE RED LINE.

THE DOWNSTREAM LIMIT OF THIS STUDY IS THE U.S. ARMY CORPS' PROJECT, CONSISTING OF AN INTAKE STRUCTURE AND A WEIR STRUCTURE. THE INTAKE STRUCTURE HAS A TAINTER GATE AND HOIST WHICH CONTROL FLOW RELEASES TO THE DOWNSTREAM CHANNEL. THE CONCRETE STRUCTURES AT THIS LOCATION ARE THE DOWNSTREAM CONTROL OF THE STUDY REACH.

THE EXISTING LONGITUDINAL STREAM BED PROFILES OF LYTLE/CAJON CREEK HAVE BEEN OBTAINED AS SHOWN IN FIGURES 1 AND 2. POINTS OF INTEREST ALONG THE STREAM REACH ARE GIVEN BELOW:

STREAM STATION FEET	DESCRIPTION
1+00	CONTROL STRUCTURE OF CORPS' CHANNEL
60+80	BASELINE AVENUE BRIDGE
121+70	HIGHLAND AVENUE BRIDGE, DOWNSTREAM OF CALMAT PROPERTY (PROJECT LIMIT)
202+00	UPSTREAM LIMIT OF EXISTING MINING
251+50	UPSTREAM LIMIT OF CALMAT PROPERTY

II. ANALYSIS BASED ON STREAM MORPHOLOGY:

STREAM MORPHOLOGY INVOLVES THE STUDY OF THE SHAPE OF ALLUVIAL CHANNELS AND ITS RESPONSES TO OUTSIDE FACTORS. ANY EFFORT WITH REGARD TO RIVER ENGINEERING MUST BE BASED ON A PROPER UNDERSTANDING OF (1) THE MORPHOLOGICAL FEATURES INVOLVED AND (2) THE RESPONSES TO THE IMPOSED CHANGES. AN OVERVIEW OF RIVER MORPHOLOGY RELATED TO THE PRESENT PROJECT IS PRESENTED HEREIN. INCLUDED IN THE SCOPE ARE THE REGIME CONCEPT, RIVER CHANNEL CLASSIFICATIONS, AND LONGITUDINAL STREAM PROFILES.

A. REGIME CONCEPT

THE REGIME CONCEPT IS GENERALLY CONSIDERED SYNONYMOUS WITH THAT OF EQUILIBRIUM. THIS CONCEPT ORIGINATED FROM THE STUDY OF STABLE ALLUVIAL CANALS, WHICH, WITH A MOBILE BED AND EARTH BANKS, ARE NON-SCOURING AND NON-SILTING OVER AN OPERATING CYCLE. AN ALLUVIAL CANAL USED FOR IRRIGATION IS USUALLY OPERATED UNDER A FAIRLY CONSTANT DISCHARGE. BECAUSE OF NATURAL DISCHARGE VARIATION, THE TRUE REGIME OR DYNAMIC EQUILIBRIUM OF A NATURAL RIVER MAY NEVER BE ATTAINED, ALTHOUGH EACH RIVER IS CONSTANTLY ADJUSTING ITSELF TOWARD THAT DIRECTION. MACKIN (1948) DEFINED GRADE AS A CONDITION OF EQUILIBRIUM IN STREAMS ACTING AS AGENTS OF TRANSPORTATION; HE DEFINED GRADED STREAM AS ONE IN WHICH, OVER A PERIOD OF YEARS, SLOPE IS DELICATELY ADJUSTED TO PROVIDE, WITH AVAILABLE DISCHARGE AND THE PREVAILING CHANNEL GEOMETRY, JUST THE VELOCITY REQUIRED TO TRANSPORT THE LOAD SUPPLIED FROM THE DRAINAGE BASIN. A GRADED STREAM (I.E., A REGIME RIVER) IS A SYSTEM IN DYNAMIC EQUILIBRIUM, OR, TO BE MORE PRECISE, A SYSTEM IN QUASI-EQUILIBRIUM. THE REGIME CONCEPT HAS BEEN REAFFIRMED BY ACKERS AND CHARLTON (1970) ON THE BASIS THAT THE CHANNEL GEOMETRY DOES NOT ADJUST WITH SHORT-TERM VARIATION IN DISCHARGE.

B. RIVER CLASSIFICATION

SINCE ANY CONTROL AND REGULATION OF RIVER FLOW MUST BE BASED ON ITS UNDERSTANDING, IT IS, THEREFORE IMPORTANT TO REVIEW THE PHYSICAL NATURE OF LYTLE/CAJON CREEK NEAR THE PROJECT LOCATION. IN THE FOLLOWING, AN OVERVIEW OF RIVER MORPHOLOGY IS PRESENTED FROM THE GEOMORPHIC VIEWPOINT. THE EMPHASES ARE ON RIVER CLASSIFICATION AND ON THE STABILITY ASSOCIATED WITH EACH TYPE OF RIVERS. SUCH RIVER ENGINEERING AND MORPHOLOGICAL PRINCIPLES ARE THEN APPLIED TO LYTLE/CAJON CREEK.

THE THREE MAJOR CHANNEL PATTERNS CLASSIFIED BY LEOPOLD AND WOLMAN (1957) ARE STRAIGHT (OR SINUOUS), MEANDERING, AND BRAIDED. LYTLE/CAJON CREEK SHOULD BE CLASSIFIED AS A BRAIDED RIVER.

LANE (1957) CONCLUDED THAT THE PRIMARY CAUSES THAT MAY BE RESPONSIBLE FOR THE BRAIDED CONDITION ARE: (1) OVERLOADING, THAT IS, THE STREAM MAY BE SUPPLIED WITH MORE SEDIMENT THAN IT CAN CARRY, RESULTING IN AGGRADATION, AND (2) STEEP SLOPES. THE BRAIDED CONDITION OF LYTLE/CAJON CREEK IS ASSOCIATED WITH THE STEEP SLOPE.

THE CLASSIFICATION OF RIVER TYPES BY BRICE (1983) IS BASED ON FOUR MAJOR PLANFORM PROPERTIES THAT ARE MOST READILY OBSERVED ON AERIAL PHOTOGRAPHS: SINUOSITY, POINT BARS, BRAIDING, AND ANABRANCHING. FOUR MAJOR RIVER TYPES, EACH OF WHICH CONSISTS OF COMMONLY OCCURRING ASSOCIATION OF PLANFORM PROPERTIES ARE ILLUSTRATED IN FIG. 3 IN THE DIRECTION OF INCREASING SLOPE. SINUOUS CANALIFORM RIVERS HAVE A FLAT SLOPE, CHARACTERIZED BY NARROW CRESCENT-SHAPED POINT BARS, A NOTABLY UNIFORM WIDTH, A LACK OF BRAIDING, AND A MODERATE TO HIGH SINUOSITY. THE CHANNEL IS RELATIVELY NARROW AND DEEP, WITH GREATEST LATERAL STABILITY AND HIGH SILT-CLAY CONTENT FOR THE BANKS.

SINUOUS POINT-BAR RIVERS ARE STEEPER AND HAVE MORE RAPID RATES OF LATERAL MIGRATION AT BENDS, ALTHOUGH STRAIGHT REACHES MAY REMAIN STABLE FOR LONG PERIODS OF TIME. SUCH RIVERS TEND TO HAVE GREATER WIDTH AT BEN APEXES, THEY ALSO TEND TO HAVE PROMINENT POINT BARS THAT ARE TYPICALLY SCROLLED AND VISIBLE AT NORMAL STAGE.

SINUOUS BRAIDED RIVERS ARE STEEPER AND WIDER THAN SINUOUS POINT-BAR RIVERS WITH THE SAME DISCHARGE, FEATURED BY RAPID RATES OF LATERAL MIGRATION AND RAPID SHIFTS IN THE POSITION OF THE THALWEG. SUCH RIVERS HAVE FAIRLY HEAVY BED-MATERIAL LOAD BUT LESS SILT-CLAY CONTENT. POINT BARS ARE MORE IRREGULAR AS THE BRAIDING INCREASES.

NONSINUOUS BRAIDED RIVERS WITHOUT POINT BARS, SUCH AS LYTLE/CAJON CREEK, EXIST ON STEEP SLOPES WITH HEAVY BED-MATERIAL LOAD AND LOW SILT-CLAY CONTENT. SUCH RIVERS ARE HIGHLY BRAIDED AND HAVE MODERATE RATES OF LATERAL MIGRATION AT RANDOM PLACES WHERE ONE OF THE MULTIPLE BRANCHES IMPINGES AGAINST A BANK. THE BRANCH CHANNELS SHIFT AT RANDOM WITHIN THE BANKLINES.

IT IS CLEAR, FROM THE CLASSIFICATION BY BRICE, THAT LYTLE/CAJON CREEK IS CLASSIFIED AS A NON-SINUOUS BRAIDED RIVER. THE BRAIDED RIVER BED IS GENERALLY BROAD AND FLAT.

C. LONGITUDINAL STREAM PROFILE

THE SLOPE OF A STREAM IS DETERMINED BY CONDITIONS IMPOSED FROM UPSTREAM, BUT THE ELEVATION AND LOCATION OF EACH POINT OF THE PROFILE ARE ALSO DETERMINED BY THE DOWNSTREAM BASE LEVEL, IN THIS CASE IS THE ARMY CORPS' PROJECT. MAJOR VARIABLES CONTROLLING THE SLOPE ARE THE DISCHARGE, SEDIMENT LOAD, AND CALIBER.

THE LONGITUDINAL SLOPE PROFILE WAS FITTED BY SHULITS (1941) AS AN EXPONENTIAL DECAY FUNCTION:

$$S = S \quad e \qquad (1)$$

WHERE S IS THE SLOPE AT A DISTANCE X DOWNSTREAM OF A REFERENCE SECTION WHERE THE SLOPE IS S ; IS A COEFFICIENT OF SLOPE REDUCTION. REPLACING S BY dz dx IN EQ. 1 AND INTEGRATING GIVES THE EQUATION FOR STREAM PROFILE

$$Z = -- \ (e \quad - 1) \qquad (2)$$

WHERE x AND z ARE THE RESPECTIVE LONGITUDINAL AND VERTICAL COORDINATES OF THE STREAM PROFILE.

THE DOWNSTREAM DECREASE IN SLOPE IS ATTRIBUTED, IN PART, TO THE DECREASE IN THE GRAIN SIZE OF THE BED MATERIAL DUE TO ABRASION AND SORTING. ABRASION MEANS WEARING, GRINDING, OR RUBBING AWAY BY FRICTION. SORTING REFERS TO DIFFERENTIAL TRANSPORT OF PARTICLES OF VARIOUS SIZES, SINCE FINE GRAINS ARE MORE LIKELY TO BE MOVED THAN ARE THE COARSE ONES.

III. REDLINE BASED ON EQUILIBRIUM LONGITUDINAL PROFILE

FOR A RIVER REACH IN EQUILIBRIUM OR IN REGIME, ITS TRANSPORT CAPACITIES FOR WATER AND SEDIMENT ARE IN BALANCE WITH THE RATES SUPPLIED. ADJUSTMENTS OF EQUILIBRIUM CAN BE INDUCED BY CLIMATIC, HYDROLOGIC, AND TECTONIC EVENTS; THEY MAY ALSO BE RESULTS OF SUCH HUMAN INTERFERENCES AS DAMMING, DIVERSION, MINING, CUTOFFS, ETC. AS EQUILIBRIUM IS DISTURBED BY ANY OF SUCH FACTORS, CHANGES WILL OCCUR IN ORDER TO RESTORE EQUILIBRIUM. THE EQUILIBRIUM PROFILE FINALLY REESTABLISHED SHOULD BE A SMOOTH PROFILE SINCE ANY DEVIATION FROM THE SMOOTH CURVE WOULD BE ELIMINATED THROUGH THE EROSION AND DEPOSITION PROCESSES. SINCE "MOTHER NATURE" IS THE BEST RIVER ENGINEER, FOLLOWING "MOTHER NATURE" BY OTHER ENGINEERS IS THE BEST POLICY.

SINCE THE EQUILIBRIUM LONGITUDINAL PROFILE IS THE DIRECTION TOWARD WHICH EACH STREAM CHANNEL ADJUSTS, THE EROSION POTENTIAL WILL BE MINIMIZED IF THE EXCAVATION PLAN FOR SAND//GRAVEL MINING FOLLOWS A SMOOTH LONGITUDINAL PROFILE THAT CLOSELY APPROXIMATES THE EQUILIBRIUM PROFILE. FOR THIS REASON, THE LONGITUDINAL PROFILE GIVEN BY EQ. 1 IS PROPOSED AS THE BASIS FOR THE REDLINE OF THE EXCAVATION PLAN. THE CONSTANTS IN THE EQUATION MUST BE SPECIFIED TO DEFINE THE PRECISE SHAPE OF THE PROFILE. THESE CONSTANTS ARE DETERMINED BY FITTING THE EXISTING STREAM BED PROFILE TO EQ. 1. THE REDLINE ESTABLISHED FOLLOWING THIS APPROACH MINIMIZES POTENTIAL CHANGES OF THE PRESENT STREAM BED WHILE ACCOMMODATING SAND/GRAVEL MINING.

THE REDLINE IS ESTABLISHED BASED ON THE THREE FOLLOWING CONDITIONS:

(1) IT MAINTAINS THE EXISTING CHANNEL BED ELEVATIONS AT THE PROPERTY BOUNDARIES. THE REDLINE APPROACHES THE EXISTING CHANNEL BED ELEVATION OF 1265 FEET AT HIGHLAND AVENUE BRIDGE (STATION 121+70); AND THE ELEVATION OF 1,518 FEET AT THE UPSTREAM BOUNDARY (STATION 251+50).

(2) IT MAINTAINS THE EXISTING CHANNEL BED SLOPE AT HIGHLAND AVENUE BRIDGE. THIS SLOPE (0.0064) IS MEASURED FROM THE AERIAL TOPOGRAPHIC MAP.

(3) IT IS CONNECTED TO OTHER PROPERTY BOUNDARIES BY STRAIGHT LINES, SERVING AS TRANSITIONS BETWEEN THE REDLINE AND EXISTING ELEVATIONS ALONG ALL PROPERTY BOUNDARIES.

FIGURES 1 AND 2 SHOW THE CURVE FITTING OF EXISTING STREAM BED PROFILE BY A SMOOTH EXPONENTIAL CURVE OF EQ.1. IN THE FITTING, THE CURVE IS LOCATED SO THAT PRESENT AND FUTURE EXCAVATIONS WILL REDUCE POTENTIAL STREAM CHANNEL CHANGES. TO MAINTAIN A SMOOTH PROFILE, THE EXITING BORROW PIT BELOW THE REDLINE WILL BE REFILLED, SO THAT SEDIMENT FLOW WILL MOVE THROUGH THIS AREA TO MAINTAIN THE UNIFORMITY IN TRANSPORT.

THE REDLINE SO OBTAINED IS REPRESENTED BY THE FOLLOWING EQUATION:

$$z = 1222 + 7.07 \exp(0.0001485\ x) \qquad (3)$$

IN WHICH, z IS THE REDLINE ELEVATION; x IS THE STREAM STATION MEASURED IN THE UPSTREAM DIRECTION FROM THE DOWNSTREAM CORPS PROJECT. THE EXPONENTIAL FUNCTION IN EQ. 3 HAS A POSITIVE ARGUMENT IN CONTRAST TO A NEGATIVE VALUE IN EQ. 1. THIS IS BECAUSE THE x COORDINATE IN EQ.3 IS TOWARD UPSTREAM, OPPOSITE TO THAT IN EQ. 1. BASED ON THIS EQUATION, THE REDLINE HAS THE FOLLOWING ELEVATIONS ALONG THE STREAM CHANNE

STREAM STATION, x	ELEVATION, z
FEET	FEET
121+70	1265
125+00	1267
150+00	1288
175+00	1317
200+00	1360
225+00	1422
250+00	1512

THE NATURAL STREAM BED OF LYTLE/CAJON CREEK IS VERY BROAD AND GENERALLY FLAT, CHARACTERISTIC OF STEEP BRAIDED STREAMS DESCRIBED ABOVE IN THE REVIEW FOR RIVER MORPHOLOGY. BECAUSE OF THIS NATURAL FEATURE, SAND AND GRAVEL EXCAVATION SHOULD BE ALLOWED TO EXTEND TO WIDE AREAS WITHIN THE PROPERTY BOUNDARY. A SMOOTH TRANSITION FROM THE REDLINE TO THE PROPERTY BOUNDARY IS NEEDED.

IV. LIMITATIONS

THIS REPORT WAS PREPARÉD USING THE AVAILABLE TOPOGRAPHIC MAP (1"=200') AND "AS-BUILT" DRAWINGS OF EXISTING FACILITIES FROM THE SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE TO THE ACCURACY OF THE TOPOGRAPHIC MAP OR REFERENCE "AS-BUILT" DRAWINGS.

THE REDLINE WAS ESTABLISHED WITH SOME MARGIN USING ENGINEERING AND GEOMORPHIC PRINCIPLES AS BEST CAN BE DETERMINED WITH THE LIMITED CALCULATIONS.

V. REFERENCES

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LIST OF FIGURES

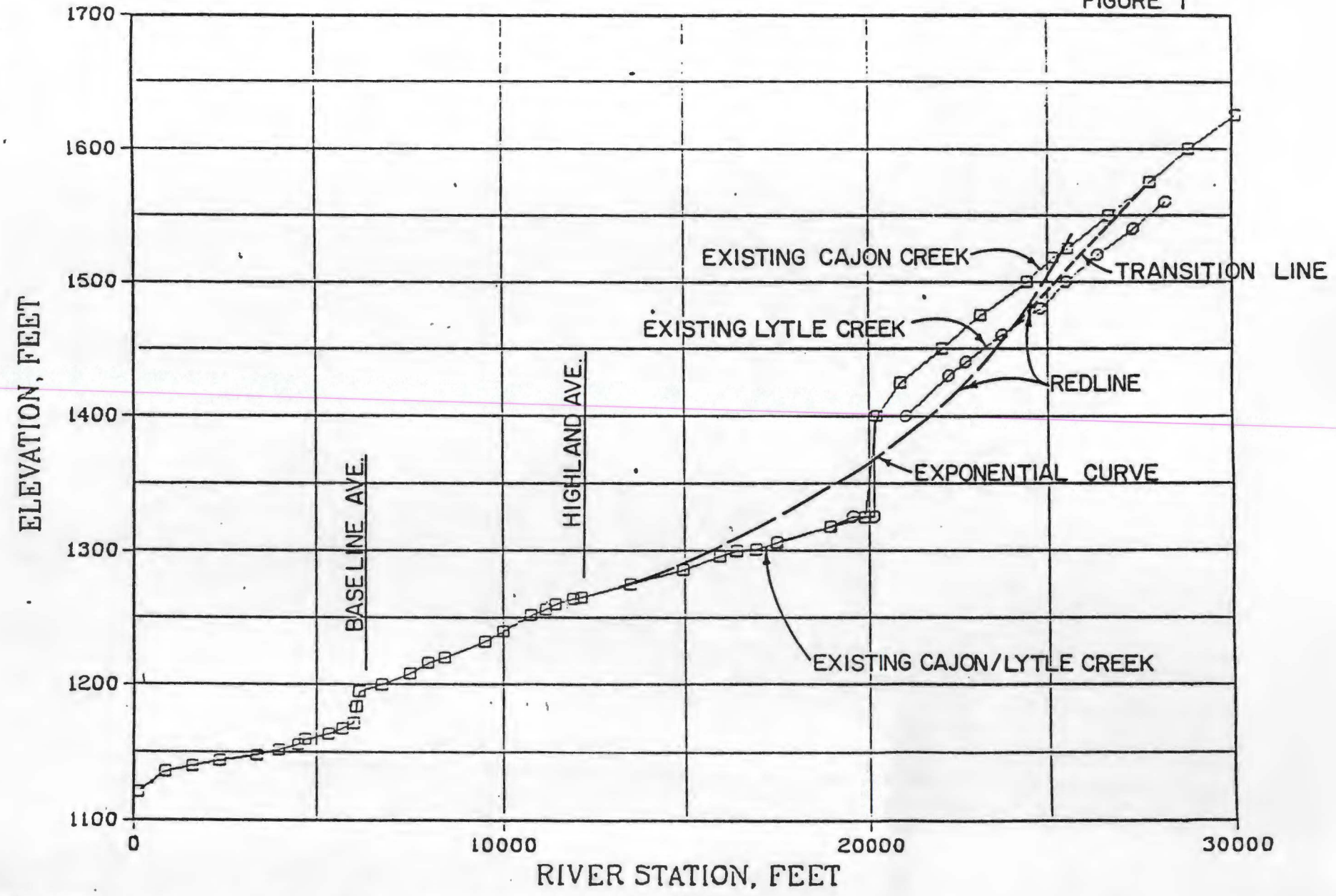
FIGURE 1. EXISTING LONGITUDINAL STREAM BED PROFILES AND REDLINE FOR LYTLE/CAJON CREEK

FIGURE 2. EXISTING LONGITUDINAL STREAM BED PROFILES AND REDLINE FOR LYTLE/CAJON CREEK AT UPSTREAM END (ENLARGED)

FIGURE 3. RIVER CHANNEL TYPES BY BRICE (1983)

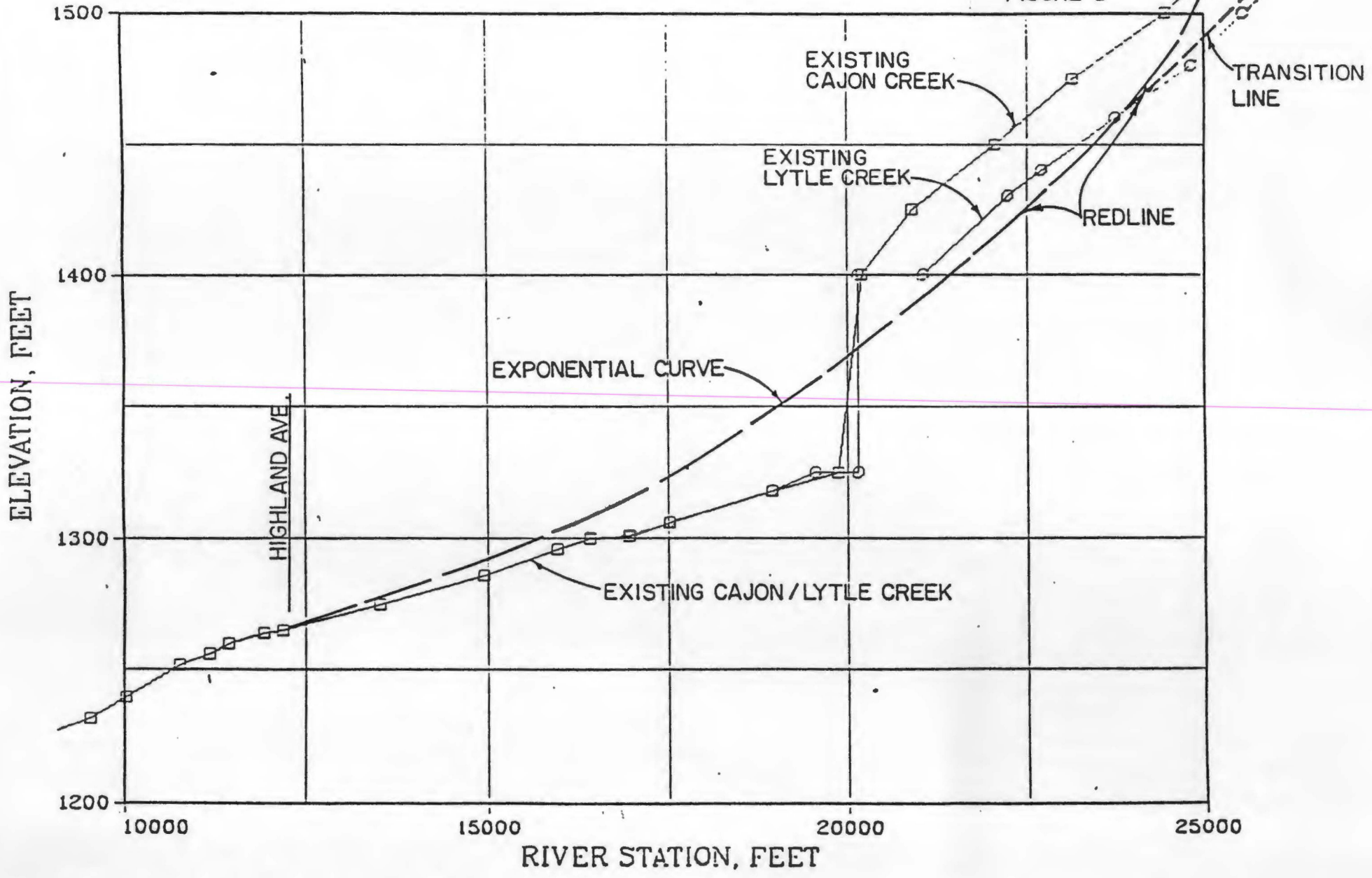
LYTLE/CAJON CREEK
LONGITUDINAL STREAM PROFILES

FIGURE 1



LYTLE/CAJON CREEK
LONGITUDINAL STREAM PROFILES

FIGURE 2



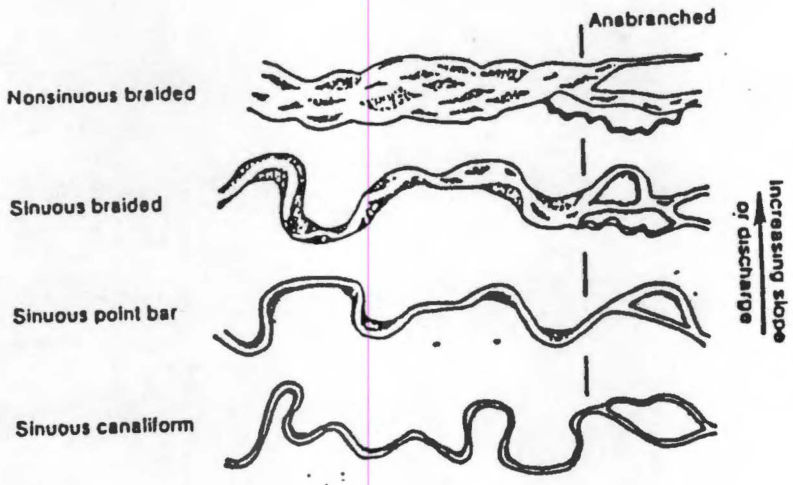


Figure 3. River channel types by Brice (1983)

Biological Assessment
for the
CalMat San Bernardino Mining Operation

William D. Wagner
Tierra Madre Consultants, Inc.
February 1989

Introduction

This report was contracted by CalMat Company as part of the baseline data necessary for consideration of the Reclamation Plan for the San Bernardino Mining Operation by the County of San Bernardino and other concerned regulating agencies. The property described in this report is a 1028 acre parcel located immediately north of Highland Avenue in the Cajon Creek-Lytle Creek wash, San Bernardino County, California. (USGS San Bernardino North 7.5' quadrangle - T.1N, R.5W SBBM).

This report describes the biological resources of the project site.

Methods

A literature review was conducted to identify any sensitive elements which are known to occur on or in the vicinity of the property. Environmental documents prepared for nearby projects (see references section) were reviewed for information regarding the general biological setting and specific information regarding sensitive elements. Computerized records of the California Natural Diversity Data Base (Data Base), a division of the California Department of Fish and Game, were reviewed for reported occurrences of sensitive elements on or near the project site. The California Native Plant Society's Inventory of Rare and Endangered Vascular Plants of California was also reviewed.

Following the literature review, a field survey was conducted by William D. Wagner on January 27, 1989. The site was traversed on foot and all plant and animal species detected were recorded in field notes. Plant species of uncertain identity were collected and subsequently identified by Andrew C. Sanders, herbarium curator at the University of California, Riverside campus. All species are referred to in the text by their common names. Complete species lists, using both scientific and common names, are included at the end of this report.

Results

Literature Review

The literature review indicated that several sensitive species are known to occur in the vicinity of the project site. The computerized records search from the Data Base indicated the two plant and two reptile species are recorded in the vicinity of the project site; (plants) slender-horned spineflower, Santa Ana River woolly-star, (reptiles) orange-throated whiptail, and San Diego horned lizard.

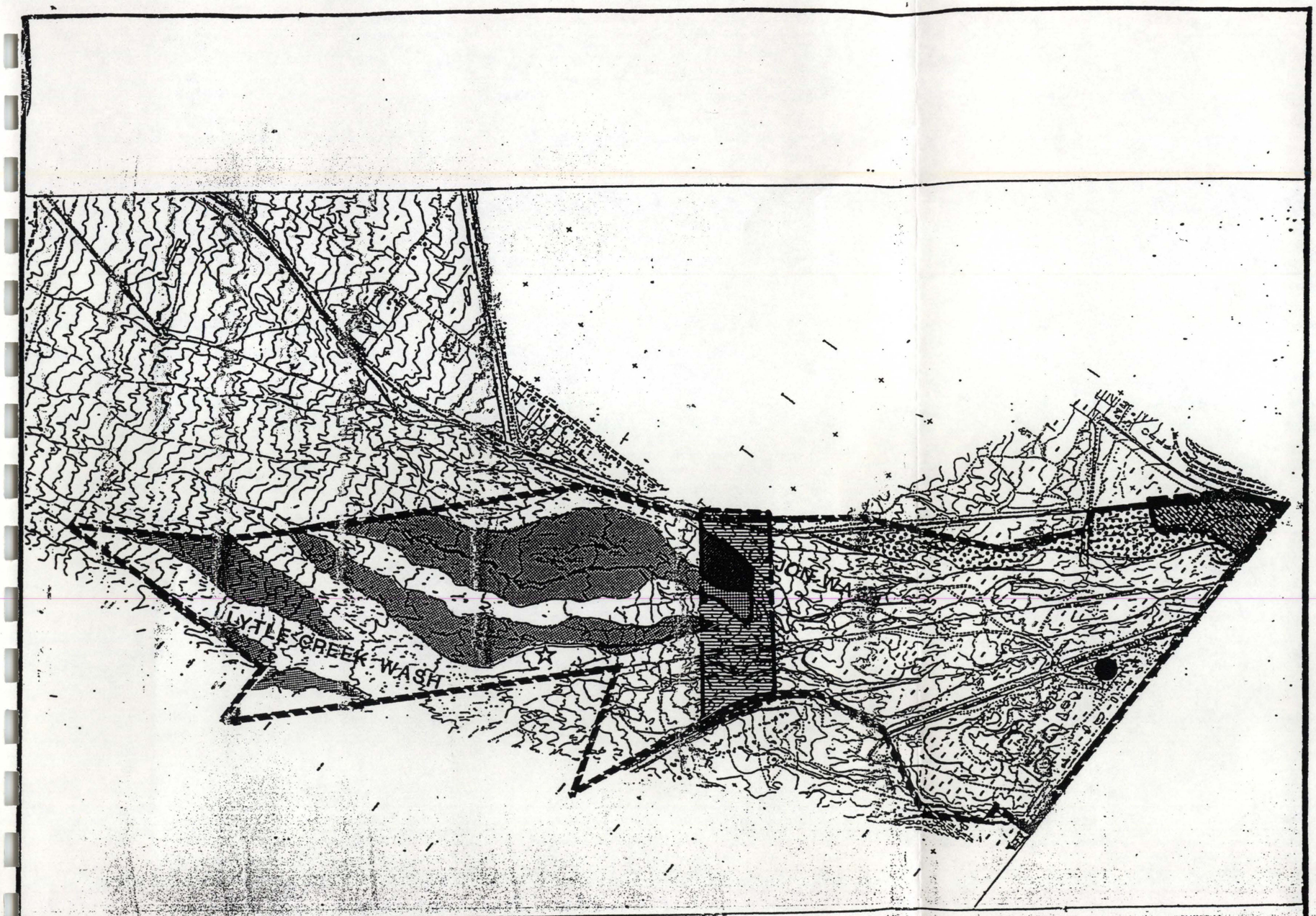
Environmental documents prepared for nearby projects (see references), and other sources identify the Riversidian alluvial sage scrub, a sensitive plant community, as occurring in the area.

Vegetation and Flora

The entire CalMat property is situated within or adjacent to two broad sandy washes, Lytle Creek and Cajon Wash. The confluence of these two washes occurs in about the middle of the subject property. The sandy washes are normally dry with surface water usually occurring only during rainy periods. Extensive flooding which removes most vegetation within the drainage course occurs every few years.

The vast majority of the property (approx. 700 acres) is situated within the two major drainage courses. The remaining acreage is located on several benches, or islands, between Lytle Creek Wash and Cajon Wash, and along the outer fringes bordering the washes. The area within the floodplain (washes) is probably best described as sandy wash and disturbed soils (see map). Because of minor seasonal flooding and periodic major flooding, vegetation within this portion of the property is very sparse. The sandy soil deposited within the wash, provides almost no foothold for plant roots to cling to. Therefore, with the exception of the mule fat growing in the Lytle Creek Wash, few perennial trees and shrubs are found within the wash. On the other hand, depending on seasonal flood water velocity and volume, annual herbaceous plant species, which are common to disturbed soils may be diverse and bountiful. The recruitment of seeds from upstream plant communities, which are deposited primarily along the edges of the wash, offers a rich diversity of plant species not ordinarily found on the property. The more gentle slopes bordering the wash is dominated by California buckwheat, chia, and annual grasses, primarily red brome.

On the high benches or islands between the Lytle Creek and Cajon Wash, a high quality habitat of the Riversidian alluvial sage scrub plant community occurs (Holland 1986). This community covers approximately 35% (300-350 acres) of the property (see map). Dominant plants within this community include California sagebrush, scalebroom, white sage, California buckwheat, goldenbush, and Our Lord's candle. The shrub component is very



CAL MAT SAN BERNARDINO MINING OPERATION

BIOLOGICAL RESOURCE MAP

- PROJECT BOUNDARY
- RIVERSIDIAN ALLUVIAL SAGE SCRUB HABITAT
- COASTAL SAGE SCRUB HABITAT
- SAND WASH & DISTURBED SOIL
- ☆ WOOLLY-STAR SIGHTING
- ● SILTATION POND
- AREA SURVEYED 5/4/90
- ALLUVIAL BENCH: WOOLLY-STARS COMMON (SUBSPECIES UNKNOWN) SUITABLE SLENDER-HORNED SPINEFLOWER HABITAT
- WASH: WOOLLY-STARS ABUNDANT
- WASH: WOOLLY-STARS RARE OR ABSENT
- HABITAT DISTURBED BY TRAIN WRECK

SCALE 1" = 1600'

Tierra Madre Consultants

2/17/89
(REVISED 5/15/90)

MAP SOURCE: CAL MAT COMPANY

diverse at this site, reflecting additions to the flora from plants washing down during infrequent major floods. Large California junipers as well as large stands of mountain mahogany attest to the age and stability of the benches within the wash. A diverse assemblage of sub-shrub and herbaceous growth exists between the larger shrubs including red-stem filaree, common fiddleneck, deerweed, cotton-thorn, yerba santa, Thurber's buckwheat, phacelia, chia, California peony, and prickly phlox. Introduced species were only a small percentage of the annuals in the undisturbed areas, making the site quite representative of the native local flora.

Seasonal flooding within the Cajon Wash prevents most vegetation from establishing within the broad sandy wash. Although, seasonal flooding also prevents most plants from growing within the Lytle Creek wash, the soil substrate is considerably different. There is a much greater ratio of rock to sand within this wash. Mulefat, a common shrub of drainages with high sub-surface water, forms a vast monotypic stand in the western portion of the property.

Several off-road vehicle (ORV) trails crisscross the Cajon Wash and benches of Riversidian alluvial sage scrub, in the west and northern portions of the property. Considerable refuse dumping is also evident along the north and eastern side of the Cajon Wash.

A depauperate coastal sage scrub plant community occurs adjacent to the Southern Pacific railroad tracks, in the eastern portion of the property. This area is in close proximity to the community of Muscoy, and human induced disturbances (i.e. ORV trails, refuse dumping, tree trimmings) has caused considerable disruption of natural areas occurring here. California buckwheat is the dominant native shrub within this area. Tree tobacco, a non-native shrub common to disturbed areas, is visibly evident throughout this portion of the property.

A small freshwater pond surrounded by a willow riparian woodland is situated just north of the company's main office building. The muddy water is a siltation pond used for mining operations. The area encompasses approximately one quarter acre and is surrounded by arroyo willow trees, mulefat, and broad-leaved cattails.

Wildlife Habitat and Fauna

The undisturbed portions of the site provide good habitat for a wide variety of common species found in the Cajon Canyon area. Riversidian alluvial sage scrub, like other forms of coastal sage scrub, has excellent annual and perennial plant diversity and produces abundant green plant material and seeds. The dense shrub vegetation provides cover and nest sites for bird species such as the California thrasher, bushtits, scrub jay, Bewick's wren, California quail, loggerhead shrike, and brown

towhee. The combination of varied terrain, natural vegetation, and abundance of rodents provides foraging opportunities for raptorial birds. Several red-tailed hawks were observed during the field survey. Many holes and white wash (raptor excrement) were observed on the vertical banks bordering the washes. This is a good indication that barn owls are inhabiting the property. Great horned owls undoubted forage on the property too.

Nocturnal and diurnal bird migration studies through southern California, performed by myself and others (unpublished reports, Southern California Edison Company), revealed the Cajon Pass and vicinity to be an extremely important flight pathway for northerly bound migrant birds.

The undisturbed areas of the property also provides habitat for many common mammals and reptiles. Audubon's cottontail, and California ground squirrels were common on the property. Sign was also noted of kangaroo rats, coyote, and woodrats. The only reptile observed during the field survey was the ubiquitous side-blotched lizard. Locally common species such as western fence lizard, gopher snake, Pacific rattlesnake, and common kingsnake would be expected during a more intensive survey. As suitable habitat occurs on the property for the San Diego horned lizard and orange-throated whiptail, these species may also be anticipated to inhabit the site.

The site supports an abundance of ground-dwelling mammals including Botta pocket gopher, Beechey ground squirrel, and mice species. The natural vegetation and abundance of prey items supports mammalian predators such as coyote. Additional mammals expected on site include gray fox, bobcat, striped skunk, opossum, raccoon and an occasional mule deer.

Sensitive Elements

The literature review and Data Base research indicated that the project site is within the known range of two plant species and two animal species considered sensitive by the Data Base, resource agencies, and conservation organizations. In addition, one infrequent and declining natural community is located on the site. Sensitive species and communities are so-called because of their limited distribution, restricted habitat requirements, or particular susceptibility to human disturbance, or a combination of these factors. Table 1 lists the occurrences of sensitive species recorded in the vicinity of the project site, their legal status, and their probability of occurrence on the property.

Table 1. Sensitive elements considered for the CalMat San Bernardino Mining Operation site.

Species	Status*	Occurrence Probability**	Number of Sightings
Centrostegia leptoceras Slender-horned spineflower	1) E 2) CE 3) A1.1 4) List 1 R-3 E-3 D-3	High	0
Cnemidophorus hyperythrus Orange-throated whiptail	1) C2 2) CSC 3) B3.1	High	0
Eriastrum densifolium ssp. sanctorum Santa Ana River woolly-star	1) E 2) CE 3) B1.1 4) List 1 R-3 E-3 D-3	High	0
Phrynosoma coronatum ssp. blainvillei San Diego horned lizard	1) C2 2) CSC 3) B2.2	High	0
Riversidian Alluvial Sage Scrub	3) High Priority	Occurs	N/A

* For Status Designations, see following page.
** For definitions of Occurrence Probability, see page 8.

STATUS DESIGNATIONS

1) FEDERAL DESIGNATIONS

E = Federally listed, endangered
T = Federally listed, threatened
C1 = Category 1 candidate species. Enough data are on file to support the federal listing.
C2 = Category 2 candidate species. Threat and/or distribution data are insufficient to support federal listing.
C3a = Extinct
C3b = Taxonomically invalid
C3c = Too widespread and/or not threatened. No longer considered as a federal candidate for listing.
ND = No designation

2) STATE DESIGNATIONS

CE = State listed, endangered
CT = State listed, threatened (previously listed as rare)
CP = Fully protected under California Fish and Game Code, Sections 3511, 4700, 5050, 5515
CSC = California Department of Fish and Game Species of Special Concern
ND = No designation
W = Watch list, the California Department of Fish and Game is currently collecting distribution information on these species

3) DATA BASE

A1.1 Extremely rare, endangered and unprotected species
B1.1 Rare and endangered species or extremely rare, endangered or threatened subspecies
B2.1 Uncommon and threatened species or rare and endangered subspecies
B3.1 Uncommon and declining or peripheral and threatened species in California only, or uncommon or threatened, or peripheral and endangered subspecies in California only.

4. CALIFORNIA NATIVE PLANT SOCIETY (CNPS)
List 1A - Plants presumed extinct in California.
List 1B - Plants rare, threatened, or endangered in California and elsewhere.
List 2 - Plants rare or endangered in California, but more common elsewhere.

List 3 - Plants about which we need more information.
List 4 - Plants of limited distribution (a watch list).

R-E-D CODE:

R (Rarity)
- 1 - Rare, but found in sufficient numbers and distributed widely enough that the potential for extinction or extirpation is low at this time.
- 2 - Occurrence confined to several populations or one extended population.
- 3 - Occurrence limited to one or a few highly restricted populations, or present in such small numbers that it is seldom reported.

E (Endangerment)
- 1 - Not endangered
- 2 - Endangered in a portion of its range
- 3 - Endangered throughout its range

D (Distribution)
- 1 - More or less widespread outside California
- 2 - Rare outside California
- 3 - Endemic to California (i.e., does not occur outside California).

Information sources of status descriptions are derived from the California Natural Diversity Data Base and California Native Plant Society. Data Base Priority Codes were developed for use by the California Department of Fish and Game as a ranking system with respect to the status of sensitive biological elements. These codes are not intended to imply protection under legislation. The Federal and State Endangered Species Acts provide legal protection for listed species. See references for federal and state designations.

TMC Definitions of occurrence probability:

Occurs: Observed on the site by field personnel of Tierra Madre Consultants, or recorded on-site observations by other qualified biologists.

High: Observed on similar habitat in surrounding region by field personnel of Tierra Madre Consultants, or habitat on the site is a type often utilized by the species and the site is within the known range of the species.

Moderate: Reported sightings in surrounding region, habitat on the site is a type occasionally utilized by the species; or site

is within the known range of the species and habitat on the site is a type occasionally utilized by the species.

Low: Site is within the known range of the species but habitat on the site is rarely used by the species.

Slender-horned spineflower is a small, low-to-the-ground, spring-blooming annual of the buckwheat family. Its preferred habitat is dry sandy benches of washes below 2,000 feet in the coastal sage scrub or alluvial sage scrub plant communities. Although populations of the slender-horned centrostegia range from the San Fernando Valley to the San Bernardino Valley and the Elsinore area, most historic locations have been eliminated by urbanization and flood control channel modification. This extensive loss of habitat has resulted in the listing of this species as endangered by the State of California and the U. S. Fish & Wildlife Service.

The Data Base reports a population of slender-horned spineflower in Cajon Canyon near Devore, approximately three northwest of the project site. Suitable habitat for the slender-horned spineflower is present in the Cajon and Lytle Creek washes, so the probability of occurrence was rated high. A spring survey would be necessary to determine if this species occurs on the site.

The **Santa Ana River woolly-star** is a small gray-green shrub of the phlox family with blue flowers. It occurs in alluvial fan scrub of the higher flood plain terraces of the Santa Ana River and its tributaries and tends to occupy habitats with little evidence of surface disturbance. The historic range of the Santa Ana River woolly-star spanned approximately sixty river miles and ranged from Rancho Santa Ana in Orange County at an elevation of 500 ft. to the the vicinity of Highlands in San Bernardino County at an elevation of about 1500 ft. It is currently restricted to several disjunct populations on Lytle Creek and in the flood plain of the Santa Ana River from Redlands to the mouth of the Santa Ana Canyon in San Bernardino County. The total range has been reduced by at least 70% to about 18 river miles. Human encroachment through intensive use of the flood plain margins for urbanization, flood control activities, ground water recharge facilities, grazing, sand and gravel mining, and farming has further reduced the suitable habitat for the plant by greater than 90%. This extensive loss of habitat has resulted in the recent listing of this species as endangered by the State of California and the U. S. Fish & Wildlife Service.

The Data Base reports an extirpated location of the Santa Ana River woolly-star in the vicinity of Devore, approximately three miles northwest of the project site. Also, Krantz (1987)

reports 16 small woolly-star plants 0.3 mile north of Institution Road on the west side of Cajon Boulevard. This location is approximately 1/2 mile or less, northwest of the project site. A biological assessment of the proposed Glen Helen Sheriff's Training Facility and vicinity (Sander 1987, Tierra Madre Consultants 1988), approximately one mile west of the subject CalMat site, revealed the presence of at least 435 individuals of woolly-star (Eriastrum densifolium). Although uncertain, measurements of the corolla length of some of the plants indicate the plants to be of a hybrid swarm, with most plants possessing dominant characters of the subspecies elongatum (chaparral woolly-star), and not the endangered subspecies sanctorum. Hybridization between subspecies at the edge of their range is expected, and the population within the Cajon Wash occurs where occasional flooding may result in the intermingling of the two adjacent subspecies. It was also noted that although the endangered taxon may not be present at the proposed Sheriff's training facility site, the population present is of high botanical and scientific interest.

Suitable habitat for the Santa Ana River woolly-star is present on the subject property in the Cajon and Lytle Creek washes and a single woolly-star (ssp. unknown) was found in the Lytle Creek wash (see map). A spring survey would be necessary to determine the abundance, location, and possible identification of woolly-star subspecies on the subject property.

The **orange-throated whiptail** occupies washes and other sandy areas where there are rocks and patches of brush nearby for cover. This species is common in chaparral, coastal sage scrub, and streamside growth and feeds on insects and spiders. Populations of this species are declining as a result of habitat loss due to land conversion for agriculture and development.

The literature review revealed the orange-throated whiptail has been recorded approximately 1/2 mile west of the site in the Cajon Wash (1988).

Although no orange-throated whiptails were observed during the field survey, both the Cajon and Lytle Creek washes and benches provides excellent habitat for the orange-throated whiptail. Therefore, the probability of this species residing on the project site is high.

San Diego horned lizard occurs in a variety of habitat types including coastal sage scrub and grasslands. The San Diego horned lizard is common in areas where there is loose sandy soil with low-growing brush nearby. Ants are the primary food source for this species. Populations of this lizard are declining due to extensive collecting on wildlands near urban development areas and as a result of its habitat being converted to agricultural and urban lands.

Literature indicates the San Diego horned lizard has been recorded approximately 1/2 mile west of the site in the Cajon Wash (1988).

Although no San Diego horned lizards were observed during the field survey, both the Cajon and Lytle Creek washes and benches provides an abundance of loose soil and scattered brush, thereby providing excellent habitat for this species. Therefore, there is a high probability that the San Diego horned lizard could occur on-site.

Riversidian Alluvial Sage Scrub is a species-rich assemblage of shrubs typical of both the coastal sage scrub and chaparral communities, though coastal sage species are generally dominant (Sanders, 1987, citing Smith). This vegetation formerly covered most of the alluvial slopes in the Los Angeles basin, but has now been greatly reduced in extent by urban expansion (Smith, 1980, citing Hanes). This is the same fate that has befallen the more typical coastal sage scrub of adjacent foothill slopes and plains: it has been estimated that this community has been reduced in extent by 90% due to urbanization (Sanders, 1987, citing Westman). Most authors, including Westman, have included alluvial scrub within their concept of coastal sage scrub and even Smith agrees that alluvial scrub is part of the coastal sage scrub "type" (Sanders, 1987). Holland, (1986) includes the community in his inventory of natural communities in California. Because this vegetation association is thought to be in decline, it is designated by the Data Base as a community with highest inventory priorities.

The Riversidian alluvial sage scrub occurs on the CalMat property on the benches separating the two drainages, Lytle Creek and Cajon Wash.

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Species Lists for the CalMat San Bernardino Mining Operation

Plants

CONIFERAE	CONE-BEARING PLANTS
Cupressaceae	**Cypress Family**
Juniperus californica	California juniper
ANGIOSPERMIAE: DICOTYLEDONEAE	DICOT FLOWERING PLANTS
Anacardiaceae	**Sumac Family**
Rhus trilobata	Squaw-bush
Asclepiadaceae	**Milkweed Family**
Asclepias fascicularis	Narrow-leaf milkweed
Asteraceae	**Sunflower Family**
Ambrosia acanthicarpa	Annual bur-weed
Artemisia californica	California sagebrush
Artemisia dracunculus	Dragon sagewort
Baccharis glutinosa	Mulefat
*Centaurea melitensis	Tocalote
Chrysopsis villosa	Golden-aster
Corethrogyne filaginifolia	Common corethrogyne
Gutierrezia bracteata	Matchweed
Haplopappus linearifolius	Goldenbush
Heterotheca grandiflora	Telegraph weed
Lepidospartum squamatum	Scalebroom
*Sonchus oleraceus	Common sow-thistle
Tetradymia comosa	Cotton-thorn
*Xanthium strumarium	Eastern cocklebur
Boraginaceae	**Borage Family**
Amsinckia intermedia	Common fiddleneck
Cryptantha intermedia	Nievitas cryptantha
Brassicaceae	**Mustard Family**
*Brassica geniculata	Short-pod mustard
*Lobularia maritima	Sweet alyssum
Cactaceae	**Cactus Family**
Opuntia basilaris var. basilaris	Beavertail cactus
Opuntia littoralis	Prickly pear
Opuntia parryi	Valley cholla

Caprifoliaceae	**Honeysuckle Family**
Sambucus mexicana	Elderberry
Chenopodiaceae	**Goosefoot Family**
*Chenopodium album	Lamb's quarters
*Salsola iberica	Russian thistle
Cucurbitaceae	**Gourd Family**
Curcurbita foetidissima	Calabazilla
Marah macrocarpus	Wild cucumber
Euphorbiaceae	**Spurge Family**
Croton californicus	California croton
Eremocarpus setigerus	Doveweed
*Ricinus communis	Castor-bean
Fabaceae	**Pea Family**
Lotus scoparius	Deerweed
Geraniaceae	**Geranium Family**
*Erodium cicutarium	Red-stem filaree
Hydrophyllaceae	**Waterleaf Family**
Eriodictyon trichocalyx	Yerba santa
Phacelia ramosissima	Branching phacelia
Lamiaceae	**Mint Family**
*Marrubium vulgare	Horehound
Salvia apiana	White sage
Salvia mellifera	Black sage
Salvia columbariae	Chia
Malvaceae	**Mallow Family**
*Malva parviflora	Cheeseweed
Paeoniaceae	**Peony Family**
Paeonia californica	California peony
Platanaceae	**Sycamore Family**
Platanus racemosa	Calif. sycamore
Polemoniaceae	**Phlox family**
Eriastrum densifolium ssp. unknown	Wooly-star
Leptodactylon californicum	Prickly-phlox
Polygonaceae	**Buckwheat Family**
Eriogonum fasciculatum	Calif. buckwheat
Eriogonum gracile	Slender buckwheat

Eriogonum thurberi	Thurber's buckwheat
*Rumex crispus	Curly dock
Primulaceae	**Primrose Family**
Clematis pauciflora	Small-leaf Virgins-bower
Rhamnaceae	**Buckthorn Family**
Rhamnus crocea	Redberry
Rhamnus ilicifolia	Holly-lvd. redberry
Rosaceae	**Rose Family**
Adenostoma fasciculatum	Chamise
Cercocarpus betuloides	Mountain mahogany
Prunus ilicifolia	Holly-leaf cherry
Salicaceae	**Willow Family**
Populus fremontii	Fremont cottonwood
Salix laevigata	Red willow
Salix lasiolepis	Arroyo willow
Scrophulariaceae	**Figwort Family**
Penstemon spectabilis	Showy penstemon
*Verbascum thapsus	Common mullein
Solanaceae	**Nightshade Family**
Datura meteloides	Jimsonweed
Nicotiana bigelovii	Bigelow tobacco
*Nicotiana glauca	Tree tobacco
Tamaricaceae	**Tamarisk family**
*Tamarix sp.	Tamarisk
ANGIOSPERMIAE: MONOCOTYLEDONES	MONOCOT FLOWERING PLANTS
Agavaceae	**Agave Family**
Yucca schidigera	Mohave yucca
Yucca whipplei	Our Lord's candle
Amaryllidaceae	**Amaryllis Family**
Dichelostemma pulchella	Blue-dicks
Cyperaceae	**Sedge Family**
Cyperus eragrostis	Tall flatsedge
Poaceae	**Grass Family**
*Arundo donax	Giant reed
*Avena barbata	Slender wild oats

*Bromus diandrus	Ripgut grass
*Bromus rubens	Foxtail chess
*Bromus tectorum	Cheat-grass brome
Elymus condensatus	Giant rye-grass
Typhaceae	**Cat-tail family**
Typha latifolia	Broad-leaved cattail

* - denotes introduced (non-native) species.
Nomenclature follows Munz (1974).

This list reports only those plant species actually observed on the site by this study. Other plants may have been overlooked or undetectable due to the seasonal nature of their occurrence.

CalMat San Bernardino Mining Operation

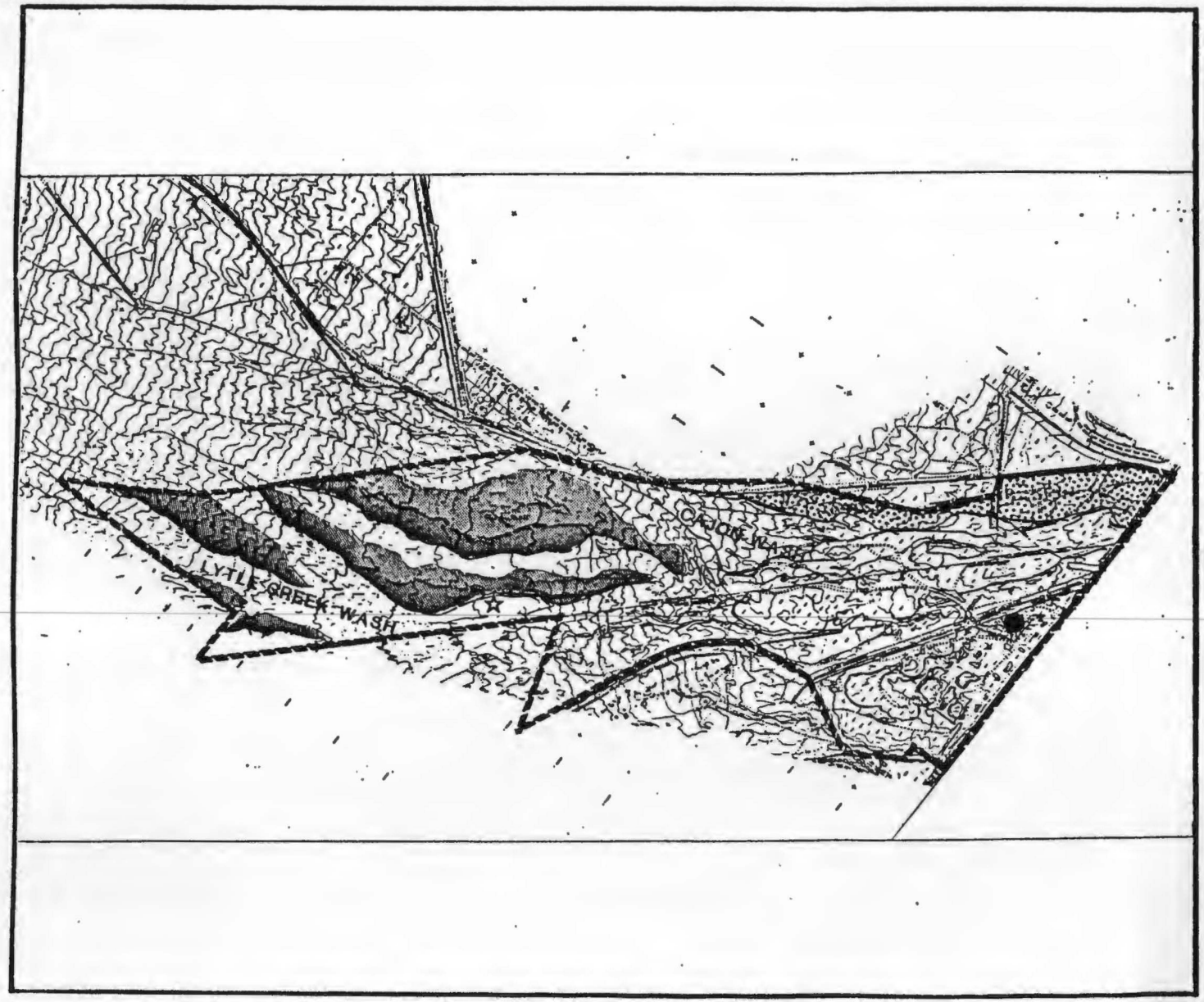
Animals

REPTILIA	REPTILES
Iguanidae	**Iguanids**
Uta stansburiana	Side-blotched lizard
AVES	BIRDS
Accipitridae	**Hawks, eagles, harriers**
Buteo jamaicensis	Red-tailed hawk
Phasianidae	**Grouse and quail**
Callipipla californica	California quail
Columbidae	**Pigeons and doves**
Zenaida macroura	Mourning dove
Cuculidae	**Cuckoos**
Geococcyx californianus	Greater roadrunner
Trochilidae	**Hummingbirds**
Calypte anna	Anna's hummingbird
Picidae	**Woodpeckers**
Colaptes auratus	Northern flicker
Tyrannidae	**Tyrant flycatchers**
Sayornis nigricans	Black phoebe
Sayornis saya	Say's phoebe
Alaudidae	**Larks**
Eremophila alpestris	Horned Lark
Corvidae	**Crows and jays**
Aphelocoma coerulescens	Scrub jay
Corvus brachyrhynchos	American crow
Corvus corax	Common raven
Aegithalidae	**Bushtits**
Psaltriparus minimus	Bushtit
Troglodytidae	**Wrens**
Thryomanes bewickii	Bewick's wren

Muscicapidae	**Thrushes and allies**
Regulus calendula	Ruby-crowned kinglet
Mimidae	**Mockingbirds and thrashers**
Toxostoma redivivum	California thrasher
Laniidae	**Shrikes**
Lanius ludocicianus	Loggerhead shrike
Sturnidae	**Starlings**
**Sturnus vulgaris*	European starling
Emberizidae	**Sparrows, Warblers, Tanagers**
Dendroica coronata	Yellow-rumped warbler
Pipilo fuscus	Brown towhee
Amphispiza belli	Sage sparrow
Zonotrichia leucophrys	White-crowned sparrow
Agelaius phoeniceus	Red-winged blackbird
Euphagus cyanocephalus	Brewer's blackbird
Fringillidae	**Finches**
Carpodacus mexicanus	House finch
Carduelis tristis	American goldfinch
Passeridae	**Weaver finches**
**Passer domesticus*	House sparrow

MAMMALIA	MAMMALS
Leporidae	**Hares and rabbits**
Sylvilagus audubonii	Audubon cottontail
Sciuridae	**Squirrels**
Otospermophilus beecheyi	Beechey ground squirrel
Geomyidae	**Pocket gophers**
Thomomys bottae	Botta pocket gopher
Cricetidae	**Rats and mice**
Neotoma sp.	Woodrat
Heteromyidae	**Pocket mice**
Dipodomys sp.	Kangaroo rat
Canidae	**Foxes, wolves, and coyotes**
Canis latrans	Coyote

* - denotes introduced (non-native) species.
Nomenclature follows Stebbins, *A Field Guide to Western Reptiles and Amphibians*, the American Ornithologists' Union, *Checklist of North American Birds*, sixth edition, and Ingles, *Mammals of the Pacific States*.



CAL MAT SAN BERNARDINO MINING OPERATION

BIOLOGICAL RESOURCE MAP

PROJECT BOUNDARY

RIVERSIDIAN ALLUVIAL SAGE SCRUB HABITAT

COASTAL SAGE SCRUB HABITAT

SAND WASH & DISTURBED SOIL

☆ WOOLLY-STAR SIGHTING

● SILTATION POND

SCALE 1" = 1600'

Tierra Madre Consultants

2/17/89

MAP SOURCE: CAL MAT COMPANY

CalMat San Bernardino Plant

Recommended Revegetation Plan

Prepared for:

CalMat Properties Division
3200 San Fernando Road
Los Angeles, CA 90065

Prepared by:

Tierra Madre Consultants
1271 Columbia Ave., suite F-10
Riverside, CA 92507

May 16, 1990

CalMat San Bernardino Plant

Recommended Revegetation Plan

Prepared by:

Tierra Madre Consultants
1271 Columbia Ave., suite F-10
Riverside, CA 92507

May 16, 1990

Introduction

The following report was contracted by CalMat Properties Division for use in the preparation of a reclamation plan for the existing San Bernardino plant site, in conformance with the California Surface Mining and Reclamation Act and the County of San Bernardino Surface Mining and Reclamation Ordinance.

The CalMat San Bernardino plant is located in San Bernardino, north of Highland Avenue, in the Cajon Creek and Lytle Creek washes. Biological resources on the site have been described by Tierra Madre Consultants (1989). Areas which have not been mined are covered by Riversidian alluvial fan sage scrub and by Riversidian coastal sage scrub vegetation (Holland, 1986). Presumably, the areas which have been disturbed by mining activity were formerly covered by similar vegetation. The site may provide suitable habitat for two endangered plants, the slender-horned spineflower and the Santa Ana River woolly-star. There is also a high probability that two sensitive reptile species occur on the site. These are the orange-throated whiptail and the San Diego horned lizard. There is a 134-acre preserve area, set aside by the County of San Bernardino to protect similar biological resources, bordering the CalMat site on the northwestern boundary. It is the intent of this revegetation plan to restore the natural components of this ecosystem as completely as practicable, and to avoid adverse impacts to the adjacent preserve. The objectives of the revegetation plan are listed below:

1. Restore natural components of Riversidian alluvial fan sage sage scrub vegetation to the extent practicable.
2. Restore or retain suitable habitat for endangered plant species.
3. Restore wildlife habitat values to the extent possible, particularly for orange-throated whiptail and San Diego horned lizard.
4. Avoid adverse impacts to adjacent preserve area, and enhance preserve habitat values where possible.

Recommendations for Additional Baseline Data

Slender-horned spineflower

Tierra Madre Consultants conducted a focused survey for slender-horned spineflower (Centrostegia leptocerus) on May 4, 1990 on about fifty acres immediately upstream of the active quarry area. No slender-horned spineflowers were located, but suitable habitat is present on part of the area surveyed and on much of the undisturbed property farther upstream.

Slender-horned spineflower is listed as an endangered species under both state and federal Endangered Species Acts. It is an inconspicuous annual plant and can only be detected during spring. It is possible that its seeds may not germinate, even in occupied areas, during years of poor rainfall. We recommend that the upstream quarry area proposed for mining be thoroughly surveyed for this species annually over a three year period to determine with certainty whether it occurs there. If the slender-horned spineflower is present in this area, its preservation should be a priority in reclamation efforts and it may require modification of current mining plans or consultation with state and federal agencies responsible for management of endangered species.

Tierra Madre Consultants recommends the following as a three-year survey protocol for slender-horned spineflower:

Year 1 (Spring, 1990): Map all suitable spineflower habitat on upstream quarry area, conduct focused survey for slender-horned spineflower on suitable habitat and map any occurrences.

Years 2 and 3 (Spring, 1991 and 1992): Resurvey all suitable slender-horned spineflower habitat and map any additional occurrences.

Santa Ana River woolly-star

The Santa Ana River woolly-star (Eriastrum densifolium ssp. sanctorum) is listed as an endangered species by both state and federal agencies. Woolly-stars (Eriastrum densifolium, subspecies uncertain) are common on the quarry site and in the surrounding area. The length of floral tubes is the character used to determine the subspecies of an individual plant (Munz and Keck, 1959). Floral tubes must be measured while the plants are flowering. If Santa Ana River woolly-stars are present in the planned quarry area, modification of mining plans or consultation with the California Department of Fish and Game or the US Fish and Wildlife Service, as discussed above for the slender-horned spineflower, may be necessary.

There are woolly-stars to the immediate north of the CalMat site which appear to be hybrids between the listed endangered plant, Eriastrum densifolium ssp. sanctorum, and the more common chaparral woolly-star, E. d. elongatum (Tierra Madre Consultants, 1988). There is a high probability that similar plants occur on the CalMat property.

Tierra Madre Consultants recommends the following:

1. Floral tubes of woolly-stars should be measured at all sites on the quarry area where they occur in order to determine whether the listed endangered plants are present.

2. CalMat should consult with the California Department of Fish and Game and with the US Fish and Wildlife Service to determine these agencies' policies with regard to the apparent hybrid plants.

Sensitive reptiles and birds

Two sensitive reptiles and one sensitive bird species may occur on the quarry site. Orange-throated whiptails and San Diego horned lizards are known from nearby sites and probably occupy the CalMat property. California gnatcatchers occur in coastal sage scrub, but are not known from the vicinity of the quarry. We recommend that future endangered plant surveys also survey for these animal species. Regardless of whether they are found, revegetation and reclamation efforts should be designed to restore habitat to its present condition so that these sensitive species may reoccupy the property if they presently occur there.

Overview of Revegetation Recommendations

Vegetation

The final contours of the gravel quarry have been designed to match the eventual natural contours of the wash itself (T. Fujiwara, personal communication). Runoff in Cajon Wash will tend to flow through the quarry in a sheet pattern, rather than cutting deep channels into the substrate. This pattern is similar to natural runoff patterns on alluvial fans, and is expected to replicate natural hydrologic conditions.

The planned final contours of the quarry are well-suited to regeneration of vegetation resembling that which is now present. Riversidian alluvial fan sage scrub is a vegetation type naturally adapted to periodic disturbance by flooding. Many of the species typical of this plant community seem to require some disturbance in order to maintain suitable habitat conditions. Among the species which seem to be dependent on periodic flooding are the two endangered plants, slender-horned spineflower and Santa Ana River woolly-star. Reestablishment of a mix of plant species naturally found in Riversidian alluvial-fan vegetation is a realistic objective for the site, and should be the primary goal of the revegetation project. In order to maximize the probability of reestablishment of native plant species on the site, seed or cuttings should be collected from the immediate vicinity of the quarry (i.e., from within the Lytle Creek or Cajon Creek washes) wherever practicable. Many of these plant species are widespread; local ecotypes are expected to be better adapted to alluvial fan conditions, and should have a higher survival rate.

The final graded contours of the quarry will be below existing grade, bringing the surface closer to soil water. This

lowered soil level will enhance the probability of establishing riparian plants in certain parts of the reclaimed quarry. However, increased water availability may allow non-native species (especially brome-grasses, tamarisk, and giant reed) to invade the quarry, perhaps excluding native species. In order to maximize habitat value, and to restore natural conditions as fully as possible, Tierra Madre Consultants recommends that the reclamation plan include reestablishment of riparian species in the quarry bottom.

There are a number of riparian-associated plant species in the undisturbed areas of the property (e.g., California sycamore, mulefat, Fremont cottonwood, arroyo willow and red willow). These species are well suited to areas in Riversidian alluvial fan sage scrub where soil water is near the surface. Replacement of these riparian plants should be part of the revegetation effort.

Sensitive Plants

The two endangered plants which may occur on the quarry site, slender-horned spineflower and Santa Ana River woolly star, both require alluvial fan habitat relatively free of weedy herbaceous plants. Revegetation plans should consider these two species as priorities. In order to restore suitable habitat for the two plants, revegetation should use strictly native plants found in the project vicinity, and particularly avoid non-native grasses such as zorro-fescue, bromes and annual rye. Revegetation efforts in areas of potential woolly-star or spineflower habitat should not be irrigated because increased soil water may increase the establishment of undesirable plants, reducing habitat quality for the two endangered species.

Wildlife Habitat

Reestablishment of plant species naturally found on the site will restore some components of existing wildlife habitat on the quarry site. Native plants will provide food and cover which suit the needs of native animals, perhaps including the sensitive animal species discussed above. In order to provide habitat resembling the site's natural condition, an effort should be made to revegetate with as many plant species native to the site as is possible. Another important component of wildlife habitat is the rocky and sandy substrate typical of alluvial fans. Grading will remove much of the substrate diversity now present, but this component will be naturally restored by runoff beginning with the first rainfalls following completion of the revegetation work. Runoff will create minor drainage channels, exposing rocks in places, and depositing sand in other places. This substrate diversity will provide excellent reptile habitat, maximizing the probability that sensitive reptiles will recolonize the property, migrating from nearby areas (e.g., the preserve to the northwest).

Preserve Area

The planned gravel quarry operations will not disturb the northern portion of the CalMat property, with the possible exception of an access-haul road which may be constructed through the area. Existing grade will be retained in the area, and

impacts to habitat will be minimized in the area bordering on the preserve to the northwest. This operation plan will minimize the probability that erosion on the quarry site would impact the preserve area, and it would provide an effective buffer between the preserve and the mining operation.

Guidelines

Based on the objectives listed above, and on the discussion of the various sensitive elements, the following guidelines have been developed for the design of the final revegetation plan.

a. Reestablish native Riversidian alluvial fan sage scrub species where conditions are suitable.
b. Collect seed from project vicinity where practicable.
c. Avoid irrigation which might encourage weedy non-native plants.
d. Establish riparian vegetation where suitable conditions occur.

Recommended Revegetation Measures:

Riversidian alluvial fan sage scrub:

A broad mix of annuals and shrubs should be established throughout the site by direct seeding without irrigation. Where practicable, seed should be collected from the vicinity of the gravel quarry to maximize survival. Seeding should be done following the first autumn rainfall following final grading. Seed should be applied at a rate of five to eight total pounds per acre. The mix should contain seed of all species in list A, below, and at least five additional species, from list B. Woolly-star (Eriastrum densifolium) should also be seeded onto the graded slopes during reclamation, but, due to the uncertain taxonomic status of woolly-stars on the site, seed must be collected from the immediate vicinity of the property. This species should not be used in revegetation if seed cannot be collected locally.

LIST A: SPECIES TO BE INCLUDED IN SEEDING.

California buckwheat	Eriogonum fasciculatum
Slender buckwheat	Eriogonum gracile
Thurber's buckwheat	Eriogonum thurberi
Basket-bush	Rhus trilobata
Scalebroom	Lepidospartum squamatum
Birch-leaf mountain mahogany	Cercocarpus betuloides
Chia	Salvia columbariae
Matchweed	Gutierrezia bracteata
Goldenbush	Haplopappus linearifolius

LIST B: OPTIONAL SPECIES (MINIMUM OF FIVE) TO BE INCLUDED IN SEEDING.

Deerweed	Lotus scoparius
California sagebrush	Artemisia californica
Prickly pear cactus	Opuntia littoralis
California croton	Croton californicus

LIST B, continued

Yerba santa	Eriodictyon trichocalyx
White sage	Salvia apiana
Redberry	Rhamnus crocea
Chaparral yucca	Yucca whipplei
Bigelow tobacco	Nicotiana bigelovii

Riparian Habitat:

Tierra Madre Consultants recommends establishment of "wet riparian habitat" in the lowest portion of the reclaimed quarry and "dry riparian habitat" along lower slope margins of the quarry.

DRY RIPARIAN

The following trees and shrubs should be established in clumps, arranged irregularly along the lower margin of the graded slopes at the eastern and western sides of the quarry following final grading. If practicable, these plants should be propagated from cuttings or seed collected locally (all of these are found in the area). They should be raised in a nursery to a height of about one meter, then planted on the site. They should be provided with irrigation for two years to maximize survival. After one year, plants which do not survive should be replaced with nursery-raised stock. Replacement plants should be irrigated for two years. There should be a minimum of eighty percent overall survival at the end of a three year period.

DRY RIPARIAN SPECIES LIST:

California walnut	Juglans californica	5%
California sycamore	Platanus racemosa	10%
Fremont cottonwood	Populus fremontii	5%
Holly-leaf cherry	Prunus ilicifolia	20%
Mexican elderberry	Sambucus mexicana	20%
Birch-leaf mountain mahogany	Cercocarpus betuloides	40%

These clumps of dry-riparian habitat should be planted with a few walnut, sycamore and cottonwood trees in the center and more of the other species at the margins where they will not be overshaded by mature trees. Each clump should be about one-quarter acre and there should be a total of forty such clumps, totaling ten acres.

CalMat should anticipate that many shrubs will not survive beyond the irrigation period. In fact, all trees in some of these patches may die following elimination of irrigation. The objective of the riparian revegetation recommendations is to establish a variety of species over a scattered area. On some of these sites, soil water will be insufficient to maintain the riparian trees, but mountain mahogany and holly-leaf cherry should survive. On other sites, walnut, sycamore or cottonwood trees should survive, providing structural diversity similar to that now found on the site.

WET RIPARIAN

The following species should be planted in a three-acre area located at the lower end of the existing quarry site. They

should be collected, propagated and irrigated as described above for dry riparian species. Overall survival should be eighty percent. They should be planted on six-foot intervals over the entire area, following a grid pattern. The species list includes a percentage for each species, representing its recommended proportion of the total number of plantings. Cottonwood and sycamore should be planted toward the margins of the area, while mulefat and willow should be planted throughout the area.

WET RIPARIAN SPECIES LIST:

California sycamore	Platanus racemosa	10%
Fremont cottonwood	Populus fremontii	10%
Red willow	Salix laevigata	10%
Arroyo willow	Salix lasiolepis	20%
Mulefat	Baccharis glutinosa	50%

Monitoring and Maintenance

RIVERSIDIAN ALLUVIAL FAN SAGE SCRUB

Most of the reclaimed quarry is to be revegetated in Riversidian alluvial fan sage scrub. Monitoring of revegetation success in this area should be designed to estimate total coverage of native species as compared with undisturbed alluvial wash habitat. The revegetated area is expected to resemble early-successional vegetation such as that found in washes on the site. Eventually, waterways will become established over the reclaimed quarry, leaving some areas as active washes and allowing other areas to develop into mature alluvial benches resembling those now present on parts of the site. The monitoring and maintenance program is intended to ensure that the revegetation program allows for the establishment of vegetation resembling that now covering wash areas.

Monitoring of Riversidian alluvial fan sage scrub should be done annually over a three year period by a biologist or landscape professional qualified to identify plant species and familiar with native plant revegetation. Total vegetation cover of native and non-native plants should be estimated for the revegetated area, and compared to undisturbed wash vegetation. If necessary, recommendations should be made for reseeding or other measures to ensure reestablishment of Riversidian alluvial fan sage scrub.

RIPARIAN

Riparian revegetation areas should be monitored annually over a three-year period to determine survival rates. Eighty percent survival should be considered acceptable. Where trees or shrubs have died, they should be replaced in order to accomplish an overall eighty percent survival rate, as described earlier. Following elimination of irrigation, increased mortality should be considered acceptable. Two non-native invasive plants can be expected to appear among the riparian species during establishment; these are giant reed (Arundo donax) and tamarisk (Tamarix spp.). Giant reed and tamarisk should be removed if they appear in the riparian revegetation areas.

References

Fujiwara, T. Project Manager, Nasland Engineering. Personal commuication, May 9, 1990.

Holland, R. 1986. Preliminary Descriptions of the Terrestrial Natural Communities of California. California Department of Fish and Game, Sacramento, CA.

Munz, P.A. and D.D. Keck. 1959. California Flora. University of California Press, Berkeley, CA.

Tierra Madre Consultants. 1988. Biological Assessment of the Proposed Glen Helen Sheriff's Training Facility Site. Unpublished report prepared for Tom Dodson and Associates and submitted to San Bernardino County Planning Department.

_____. 1989. Biological Assessment for the CalMat San Bernardino Mining Operation. Unpublished report prepared for CalMat Properties Co. and submitted to San Bernardino County Planning Department.

4.0 Map Reductions

SAN BERNARDINO SITE
RIVERSIDE AV
HIGHLAND
OGDEN
KERN
BARRY
MALLORY
DUFFY
MACY
JUNE
LINCOLN
PROPOSED
FRWY
WAUNU
RIVERSIDE
SBDO



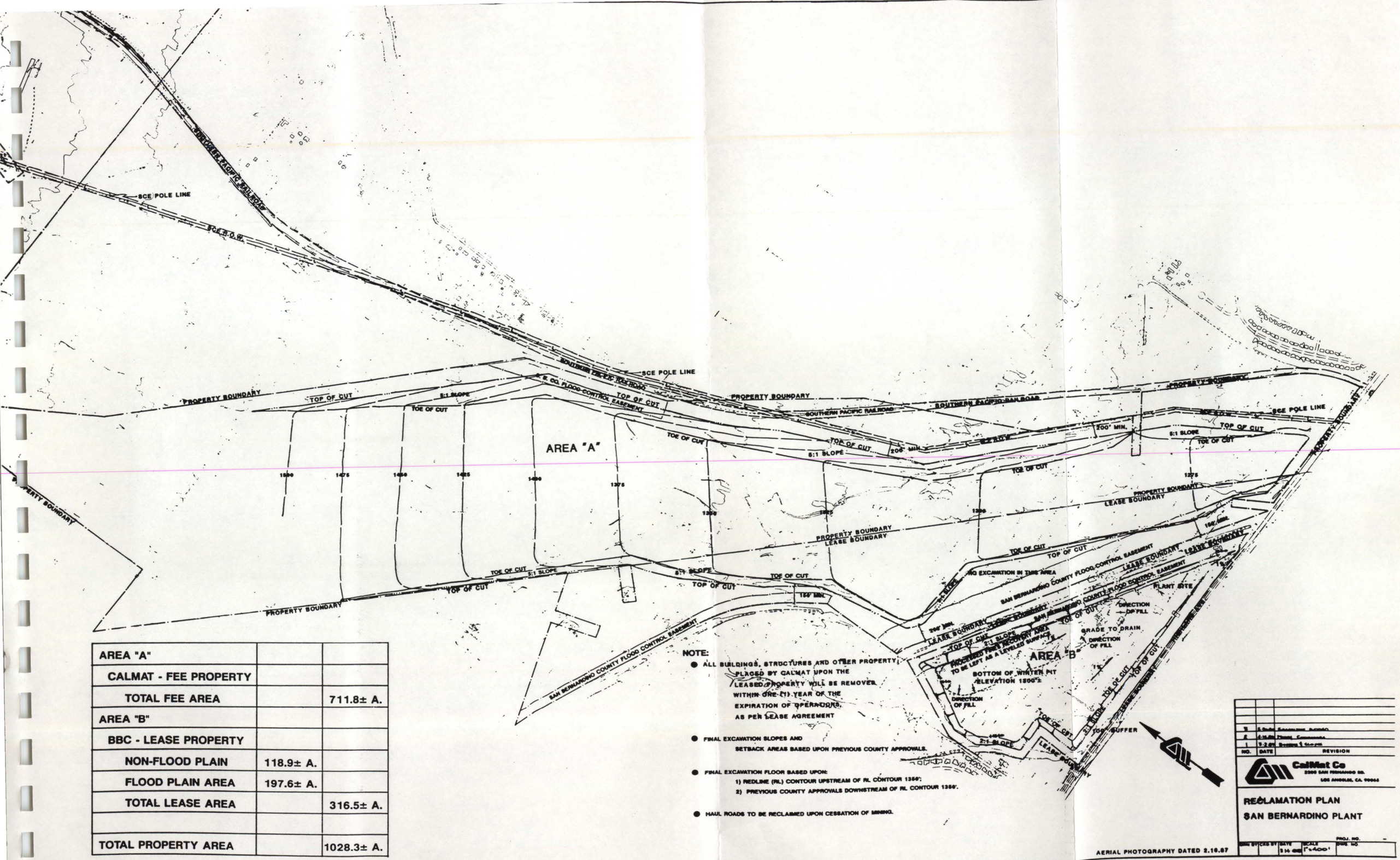
FROM MAPS:
LINE 7940 OF 8375
PAN 10 OF 25

NO.	DATE	REVISION
3	4-29-87	ADDITIONAL PROPERTY
2	3-23-87	PROPERTY REVISIONS
1	2-2-87	PROPERTY REVISIONS

CalMat Co
2500 SAN FERNANDO RD.
LOS ANGELES, CA. 90065

EXISTING CONDITIONS
SAN BERNARDINO PLANT

DRN. BY	CKD. BY	DATE	SCALE	PROJ. NO.	REV.
		2-17-87	1"=400'	DRWG. NO.	



AREA "A"		
CALMAT - FEE PROPERTY		
TOTAL FEE AREA		711.8± A.
AREA "B"		
BBC - LEASE PROPERTY		
NON-FLOOD PLAIN	118.9± A.	
FLOOD PLAIN AREA	197.6± A.	
TOTAL LEASE AREA		316.5± A.
TOTAL PROPERTY AREA		1028.3± A.

NOTE:

- ALL BUILDINGS, STRUCTURES AND OTHER PROPERTY PLACED BY CALMAT UPON THE LEASED PROPERTY WILL BE REMOVED WITHIN ONE (1) YEAR OF THE EXPIRATION OF OPERATIONS, AS PER LEASE AGREEMENT
- FINAL EXCAVATION SLOPES AND SETBACK AREAS BASED UPON PREVIOUS COUNTY APPROVALS.
- FINAL EXCAVATION FLOOR BASED UPON:
  1) REDLINE (RL) CONTOUR UPSTREAM OF RL CONTOUR 1350';
  2) PREVIOUS COUNTY APPROVALS DOWNSTREAM OF RL CONTOUR 1350'.
- HAUL ROADS TO BE RECLAIMED UPON CESSATION OF MINING.

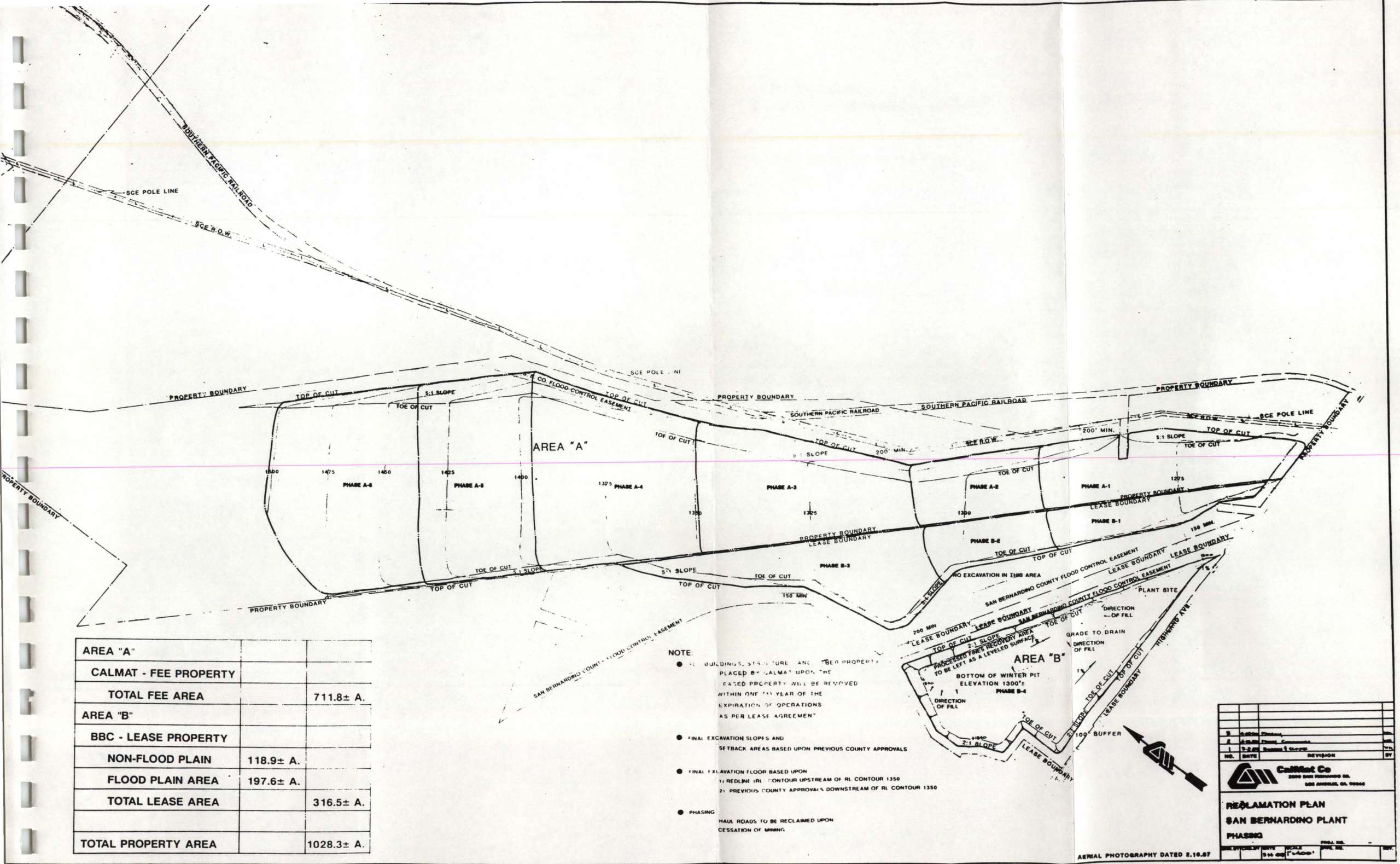
AERIAL PHOTOGRAPHY DATED 2.16.87

NO.	DATE	REVISION
3	5-3-88	EXPANSION AREA
2	4-15-88	PLANT CONFIGURATION
1	9-2-87	BUFFERS & SLOPES

CalMat Co
2200 SAN FERNANDO RD.
LOS ANGELES, CA. 90065

RECLAMATION PLAN
SAN BERNARDINO PLANT

DRN BY	CKD BY	DATE	SCALE	PROJ. NO.
		3-4-88	1"=400'	DWG NO.



AREA "A"		
CALMAT - FEE PROPERTY		
TOTAL FEE AREA		711.8± A.
AREA "B"		
BBC - LEASE PROPERTY		
NON-FLOOD PLAIN	118.9± A.	
FLOOD PLAIN AREA	197.6± A.	
TOTAL LEASE AREA		316.5± A.
TOTAL PROPERTY AREA		1028.3± A.

NOTE:

- ALL BUILDINGS, STRUCTURES AND OTHER PROPERTY PLACED BY CALMAT UPON THE LEASED PROPERTY WILL BE REMOVED WITHIN ONE (1) YEAR OF THE EXPIRATION OF OPERATIONS AS PER LEASE AGREEMENT
- FINAL EXCAVATION SLOPES AND SETBACK AREAS BASED UPON PREVIOUS COUNTY APPROVALS
- FINAL EXCAVATION FLOOR BASED UPON
  1) REDLINE (RL) CONTOUR UPSTREAM OF RL CONTOUR 1350
  2) PREVIOUS COUNTY APPROVALS DOWNSTREAM OF RL CONTOUR 1350
- PHASING
  HAUL ROADS TO BE RECLAIMED UPON CESSATION OF MINING

AERIAL PHOTOGRAPHY DATED 2.16.87

NO.	DATE	REVISION	BY
3	6-88	Planning	
2	4-88	Planning Commission	
1	9-2-86	Business & Finance	

CalMat Co
3200 SAN FERNANDO RD.
LOS ANGELES, CA. 90065

RECLAMATION PLAN
SAN BERNARDINO PLANT
PHASING

DRAWN	DATE	SCALE	PROJ. NO.
	9-86	1"=400'	DWG. NO.

REVEGETATION LEGEND

RIVERSIDIAN ALLUVIAL FAN COASTAL SAGE SCRUB

Seed to be collected on site if practicable. Apply by broadcast seeding at five to eight pounds per acre. Seeding to be done in autumn following first rainfall. Monitor by comparing revegetated area to early-successional wash vegetation.

LIST A: SPECIES TO BE INCLUDED IN SEEDING.

California buckwheat	Eriogonum fasciculatum
Slender buckwheat	Eriogonum gracile
Thurber's buckwheat	Eriogonum thurberi
Basket-bush	Rhus trilobata
Scalebroom	Lepidospartum squamatum
Birch-leaf mountain mahogany	Cercocarpus betuloides
Chia	Salvia columbariae
Matchweed	Gutierrezia bracteata
Goldenbush	Haplopappus linearifolius

LIST B: OPTIONAL SPECIES (MINIMUM OF FIVE) TO BE INCLUDED IN SEEDING.

Deerweed	Lotus scoparius
California sagebrush	Artemisia californica
Prickly pear cactus	Opuntia littoralis
California croton	Croton californicus
Yerba santa	Eriodictyon trichocalyx
White sage	Salvia apiana
Redberry	Rhamnus crocea
Chaparral yucca	Yucca whipplei
Bigelow tobacco	Nicotiana bigelovii

RIPARIAN

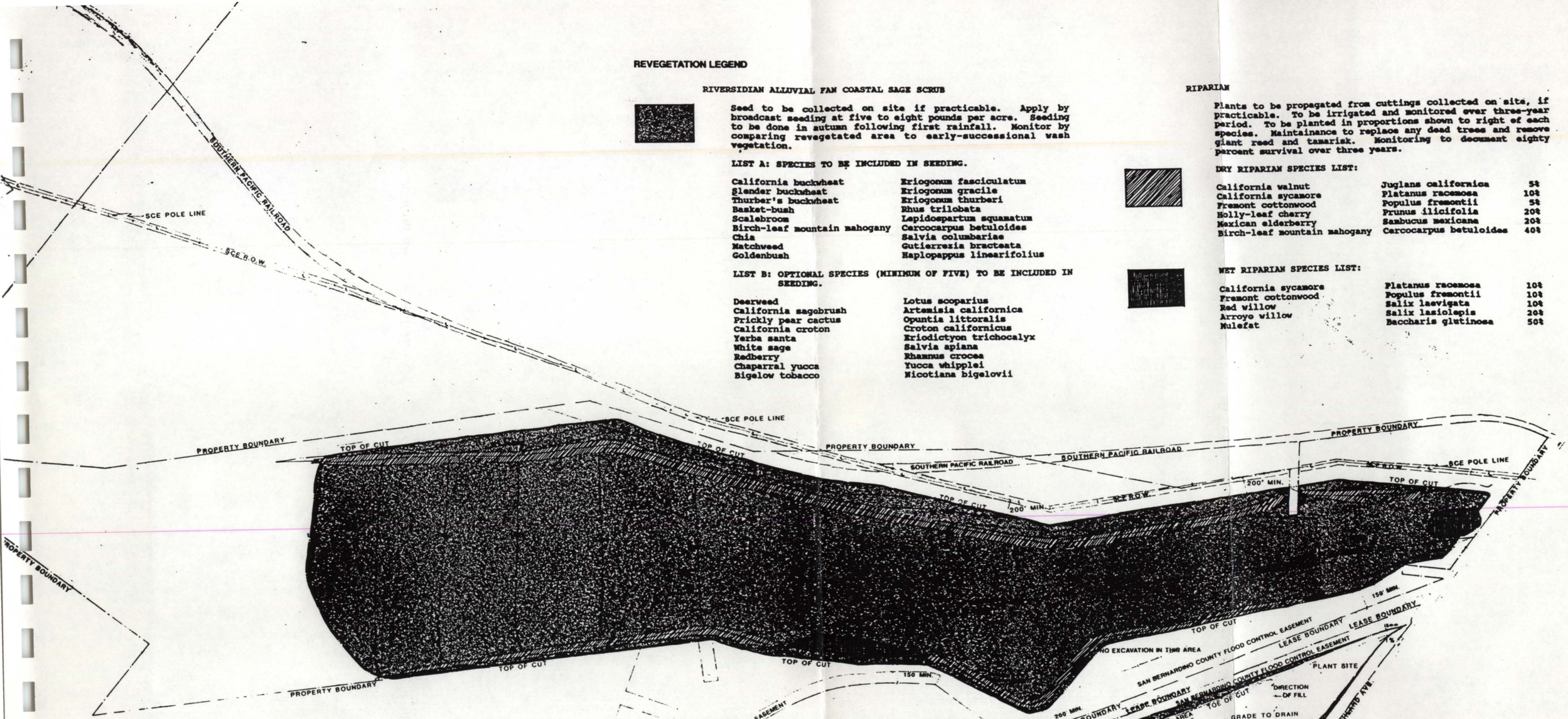
Plants to be propagated from cuttings collected on site, if practicable. To be irrigated and monitored over three-year period. To be planted in proportions shown to right of each species. Maintainance to replace any dead trees and remove giant reed and tamarisk. Monitoring to document eighty percent survival over three years.

DRY RIPARIAN SPECIES LIST:

California walnut	Juglans californica	5%
California sycamore	Platanus racemosa	10%
Fremont cottonwood	Populus fremontii	5%
Holly-leaf cherry	Prunus ilicifolia	20%
Mexican elderberry	Sambucus mexicana	20%
Birch-leaf mountain mahogany	Cercocarpus betuloides	40%

WET RIPARIAN SPECIES LIST:

California sycamore	Platanus racemosa	10%
Fremont cottonwood	Populus fremontii	10%
Red willow	Salix laevigata	10%
Arroyo willow	Salix lasiolepis	20%
Mulefat	Baccharis glutinosa	50%



AREA "A"		
CALMAT - FEE PROPERTY		
TOTAL FEE AREA		711.8± A.
AREA "B"		
BBC - LEASE PROPERTY		
NON-FLOOD PLAIN	118.9± A.	
FLOOD PLAIN AREA	197.6± A.	
TOTAL LEASE AREA		316.5± A.
TOTAL PROPERTY AREA		1028.3± A.

NOTE:

- ALL BUILDINGS, STRUCTURES AND OTHER PROPERTY PLACED BY CALMAT UPON THE LEASED PROPERTY WILL BE REMOVED WITHIN ONE (1) YEAR OF THE EXPIRATION OF OPERATIONS AS PER LEASE AGREEMENT
- FINAL EXCAVATION SLOPES AND SETBACK AREAS BASED UPON PREVIOUS COUNTY APPROVALS
- FINAL EXCAVATION FLOOR BASED UPON
  1) REDLINE (RL) CONTOUR UPSTREAM OF RL CONTOUR 1350
  2) PREVIOUS COUNTY APPROVALS DOWNSTREAM OF RL CONTOUR 1350
- PHASING
  HAUL ROADS TO BE RECLAIMED UPON CESSATION OF MINING

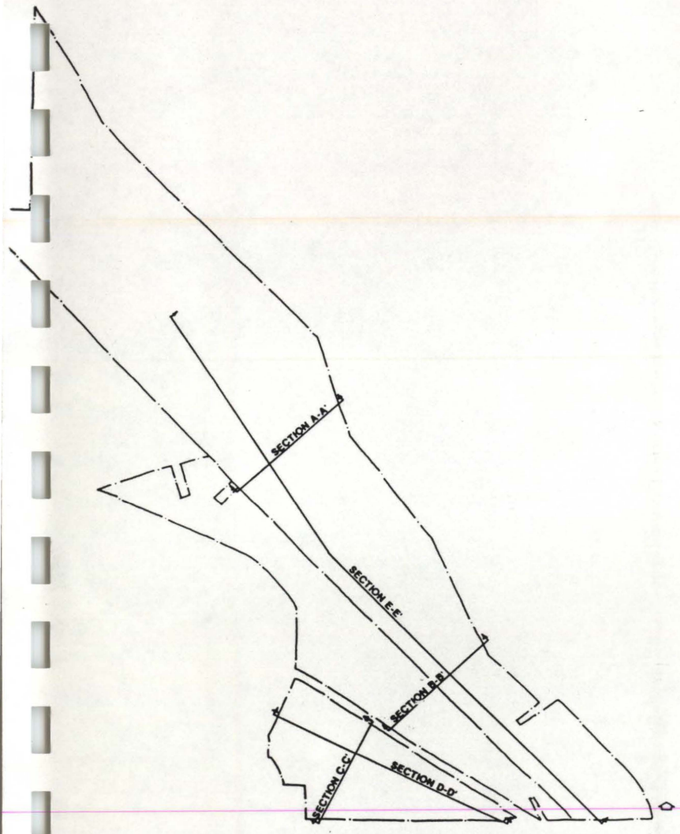
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1	9-2-88	Revised per Staff	YD

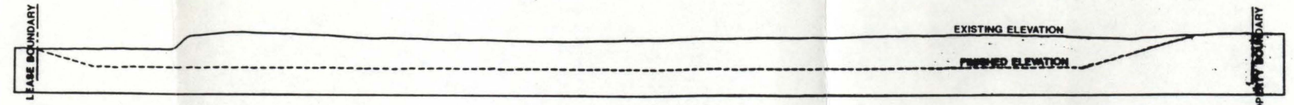
CalMat Co
2600 SAN FERNANDO RD.
LOS ANGELES, CA. 90065

RECLAMATION PLAN
SAN BERNARDINO PLANT
REVEGETATION

DRWN. BY CHKD. BY | DATE 3-15-88 | SCALE 1"=400' | FINAL NO. | REV.



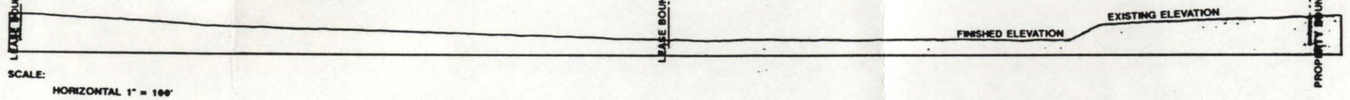
A



A'

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VERTICAL 1" = 100'

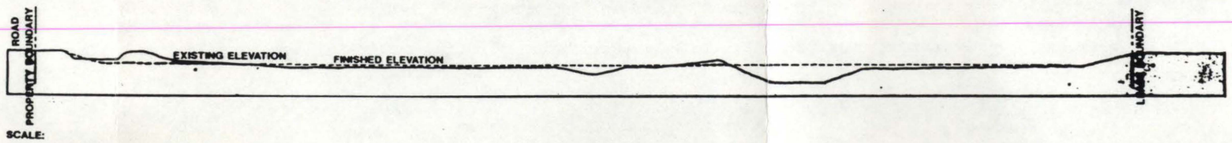
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B'

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VERTICAL 1" = 100'

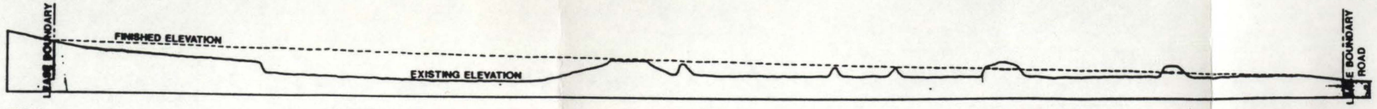
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C'

SCALE:
HORIZONTAL 1" = 100'
VERTICAL 1" = 100'

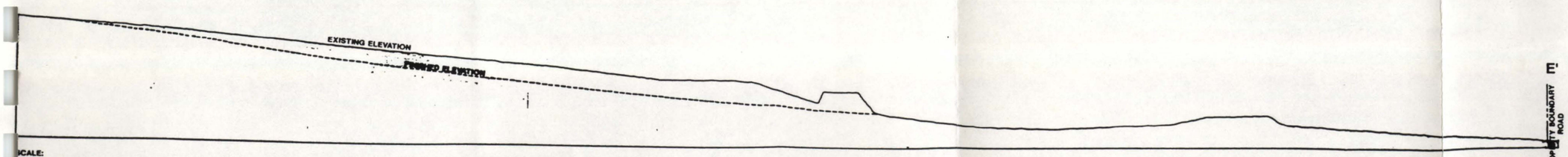
D



D'

SCALE:
HORIZONTAL 1" = 200'
VERTICAL 1" = 100'

E



E'

SCALE:
HORIZONTAL 1" = 400'
VERTICAL 1" = 100'

NO.	DATE	REVISION	BY

CalMat Co
2300 SAN FERNANDO RD.
LOS ANGELES, CA. 90065

RECLAMATION PLAN
SAN BERNARDINO PLANT
CROSS-SECTIONS

DRN. BY	CKD BY	DATE	SCALE	PROJ. NO.	REV
		5/30/96	NO SCALE	DWG. NO	



I. K. Curtis Services, Inc.
Burbank, Ca.
Date of Air Photo: 7/3/89

NO	DATE	REVISION	BY

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3200 SAN FERNANDO RD
LOS ANGELES, CA. 90065

PLOT PLAN
SAN BERNARDINO PLANT

DRN BY/CKD BY	DATE	SCALE	PROJ NO	DWG NO	REV
	4/12/90	1" = 400'	-		

REVEGETATION IMPLEMENTATION MONITORING REPORT

CALMAT CO., SAN BERNARDINO PLANT

Phases A-1 and B-1

Final Draft

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NOV 1993
Received
CRWQCB
Santa Ana-Region 8

July 1992

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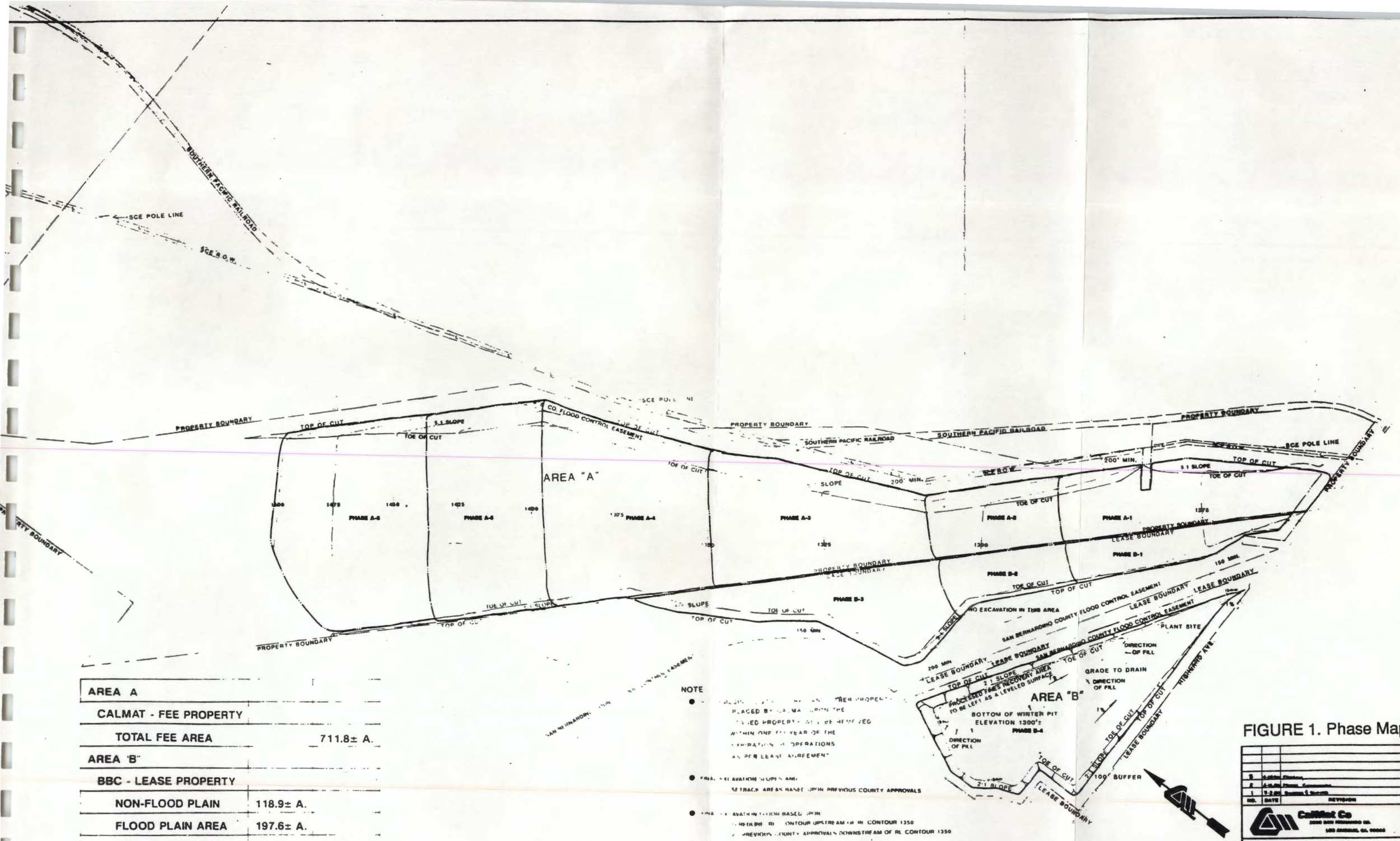
INTRODUCTION

The CalMat Co. San Bernardino Plant aggregate mining operation is located on 1,028 acres at the confluence of Cajon and Lytle Creeks north of Highland Avenue. In order to conform with County and State surface mine revegetation guidelines, CalMat Co. proposed to recontour and revegetate areas disturbed by mining activity. The revegetation will be performed in phases beginning with Phases A-1 and B-1, in January and February 1992. Phases A-1 and B-1 equal approximately 70 acres (see Figure 1, Phase Map).

The purpose of this report is to document the revegetation planning process, implementation activities, materials used and future monitoring recommendations associated with revegetation of Phases A-1 and B-1. This report is divided into three sections; the first section describes the background history of the site and of the revegetation project, the second section describes the revegetation implementation activities, and finally, a description of future vegetation monitoring activities is detailed. The revegetation guidelines called for monitoring of all implementation activities. A chronological account of the revegetation implementation activities, as noted by the implementation monitors, is provided in Appendix A. Appendix B provides photo documentation of the revegetation implementation activities.

Site History

The entire project area has been historically influenced by periodic flooding. Eighty-eight percent of the site lies within the 100 year flood plain (CalMat Co. 1990.) The lowest areas are flooded seasonally and the highest are flooded by events more extreme than 100 year storms. This disturbance regime has created a graduated vegetation structure in which plant communities tend to be older and more developed on progressively higher benches above the wash floor.



AREA A		
CALMAT - FEE PROPERTY		
TOTAL FEE AREA		711.8± A.
AREA 'B"		
BBC - LEASE PROPERTY		
NON-FLOOD PLAIN	118.9± A.	
FLOOD PLAIN AREA	197.6± A.	
TOTAL LEASE AREA		316.5± A.
TOTAL PROPERTY AREA		1028.3± A.

NOTE

- [illegible] PLACED BY [illegible] UPON THE [illegible] PROPERTY [illegible] WITHIN ONE [illegible] YEAR OF THE [illegible] OPERATIONS AS PER LEASE AGREEMENT
- FINAL EXCAVATION SLOPES AND SETBACK AREAS BASED UPON PREVIOUS COUNTY APPROVALS
- [illegible] EXCAVATION BASED UPON [illegible] RL CONTOUR UPSTREAM OF RL CONTOUR 1350 AND PREVIOUS COUNTY APPROVALS DOWNSTREAM OF RL CONTOUR 1350
- PHASING HAUL ROADS TO BE RECLAIMED UPON CESSATION OF MINING.

AERIAL PHOTOGRAPHY DATED 2.10.87

FIGURE 1. Phase Map

NO.	DATE	REVISION	BY
3	4-88	Planning	
2	4-15-88	Phase Comments	
1	9-2-86	Business & Planning	

CalMat Co
3200 SAN FERNANDO RD.
LOS ANGELES, CA. 90065

RECLAMATION PLAN
SAN BERNARDINO PLANT
PHASING

DRAWN	CHECKED	DATE	SCALE	JOB NO.	DWG. NO.	REV.
		3-86	1"=400'			

On-going sand and gravel mining has occurred in the Cajon and Lytle Creek washes since the early 1900's. The disturbance by mining activities differs from that of flooding in that mining is continuous where flooding is periodic. The resulting site was a mosaic of more or less recently disturbed areas punctuated by pits and highwalls. A contrasting artifact of the mining operation is a small willow riparian scrubland near the Highland Ave. bridge which has formed in a steady stream of runoff water from the processing plant.

Site Characteristics

The confluence area of the Cajon and Lytle creeks contains three native habitat types: sandy wash, Riversidian alluvial fan sage scrub, and Riversidian sage scrub. A brief general description of these habitats in the vicinity of the CalMat Co. revegetation project site follows. For detailed biological information refer to the Biological Assessment for the CalMat Co. San Bernardino Mining Operation, Tierra Madre Consultants, 1989.

The soils at the site are based on unconsolidated alluvium in the wash and alluvial fan deposits on the higher benches. These soils are characterized by a gravel-sand mixture with sand-clay mixtures usually below the surface. The soils have low runoff potential and high infiltration and water transmission rates (CalMat Co., 1990). Such sandy soils hold little water or nitrogen for use by plants.

The broad alluvial plain contains a number of sandy washes, braiding within the broad floodplain. These areas are highly influenced by seasonal flooding and often the existing vegetation is scoured out of these active channels. Therefore, vegetation is often sparse, consisting mainly of mulefat (*Baccharis glutinosa*), but annual plant diversity can be high when environmental conditions are favorable.

The characteristic community of this floodplain area, is the Riversidian alluvial fan sage scrub and it occurs throughout the floodplain and on the higher mesas.

The community is well represented in this area and a number of successional phases of this habitat can be found in the study area. California buckwheat (*Eriogonum fasciculatum var. foliolosum*) and scalebroom (*Lepidospartum squamatum*) are some of the most abundant shrubs in this community. Other shrubs found in this area included black sage (*Salvia mellifera*), California sagebrush (*Artemisia californica*), white sage (*Salvia apiana*) and yerba santa (*Eriodictyon trichocalyx*). Subshrub diversity is also high and includes deerweed (*Lotus scoparius*), cotton thorn (*Tetradymia comosa*), matchweed (*Gutierrezia bracteata*) and tarragon (*Artemisia dracunculus*). The rich herbaceous flora is composed of common fiddleneck (*Amsinckia intermedia*) slender eriogonum (*Eriogonum gracile*), branching phacelia (*Phacelia ramosissima*), chia (*Salvia columbariae*), peony (*Peonia californica*), chaparral woolly-star (*Eriastrum densifolium* ssp *elongatum*), thurber's buckwheat (*Eriogonum thurberi*) and California croton (*Croton californicus*). Refer to Appendix D, Baseline Data Collection Report for the CalMat Co. San Bernardino Plant, Bramlet, 1991 for data on vegetation cover, diversity and density.

Riversidian sage scrub occurs along the eastern edge of the CalMat Co. property and more extensively on adjacent lands. California buckwheat is the dominant shrub in these areas.

The Lytle-Cajon Creek drainages contain a plant species, woolly-star, in the *Eriastrum densifolium* group. The plant is a short-lived perennial, five years or less, and occurs in the Riversidian alluvial fan sage scrub community. In this area plants are found from the lower areas in a secondary successional phase to some of the more stabilized upper benches. The plant appears to be adapted to seed germination after flood events, for it has a high seed viability and appears to seed readily into disturbed areas of this community.

The plant had been considered to be the Santa Ana woolly-star (*Eriastrum densifolium* ssp. *sanctorum*), and was included in the federal listing package as a population area of this subspecies. However, a life history study of the Santa

Ana woolly-star (Burk et al 1987), noted that this was probably not the Santa Ana woolly-star. Since the Santa Ana woolly-star is a federally listed endangered species, the relationship between the woolly-star plants in the Lytle-Cajon Creek and the known Santa Ana woolly-star populations is very important in determining the potential legal status of the Lytle-Cajon Creek populations.

A study in the Cajon Wash by Tierra Madre Consultants (1990), sent specimens and corolla length measurements (a major taxonomic characteristic) to Dr. Robert Patterson, a taxonomist working on the Polemoniaceae. Dr. Patterson concluded that the specimens "best fit" within the morphological characteristics of the chaparral woolly-star (*Eriastrum densifolium* ssp. *elongatum*), but that a definitive determination could not be made without additional study (Patterson 1990).

In June 1992, C.E. Jones and J. Burk conducted further studies on the morphological characteristics, corolla length and others, between the woolly-star populations in the Lytle-Cajon Creek washes and known populations of the Santa Ana woolly-star in the Upper Santa Ana River. Jones and Burks concur with the opinion of Bob Patterson that these plants are closest to *Eriastrum densifolium* ssp. *elongatum.*

Revegetation Goals

The primary objectives of the revegetation efforts, as stated in the Revegetation Guidelines, CalMat Co. San Bernardino Plant, Blane August 1991 (Appendix C), are to restore natural components of Riversidian alluvial fan sage scrub to the extent practicable to provide suitable plant and wildlife habitats. The seeded areas are expected to achieve 15% ground cover within two years. A survival rate of 50% is expected for the container planted materials after two years.

Revegetation Planning

The revegetation planning process was begun in 1990. A preliminary Recommended Revegetation Plan was prepared by Tierra Madre Consultants in May 1990. Selected components of the Tierra Madre plan were used in preparing the final Revegetation Guidelines. Three revegetation zones, as designated by Tierra Madre, were adopted for the project (Figure 2. Site Map and Planting Locations).

Zone 1) Riversidian Alluvial Fan Sage Scrub: To be seeded in all disturbed areas with seeds collected from the site.

Zone 2) Dry Riparian: To be planted from container grown stock along the graded east and west slopes of the wash. Plants to be grown from propagules collected from the site.

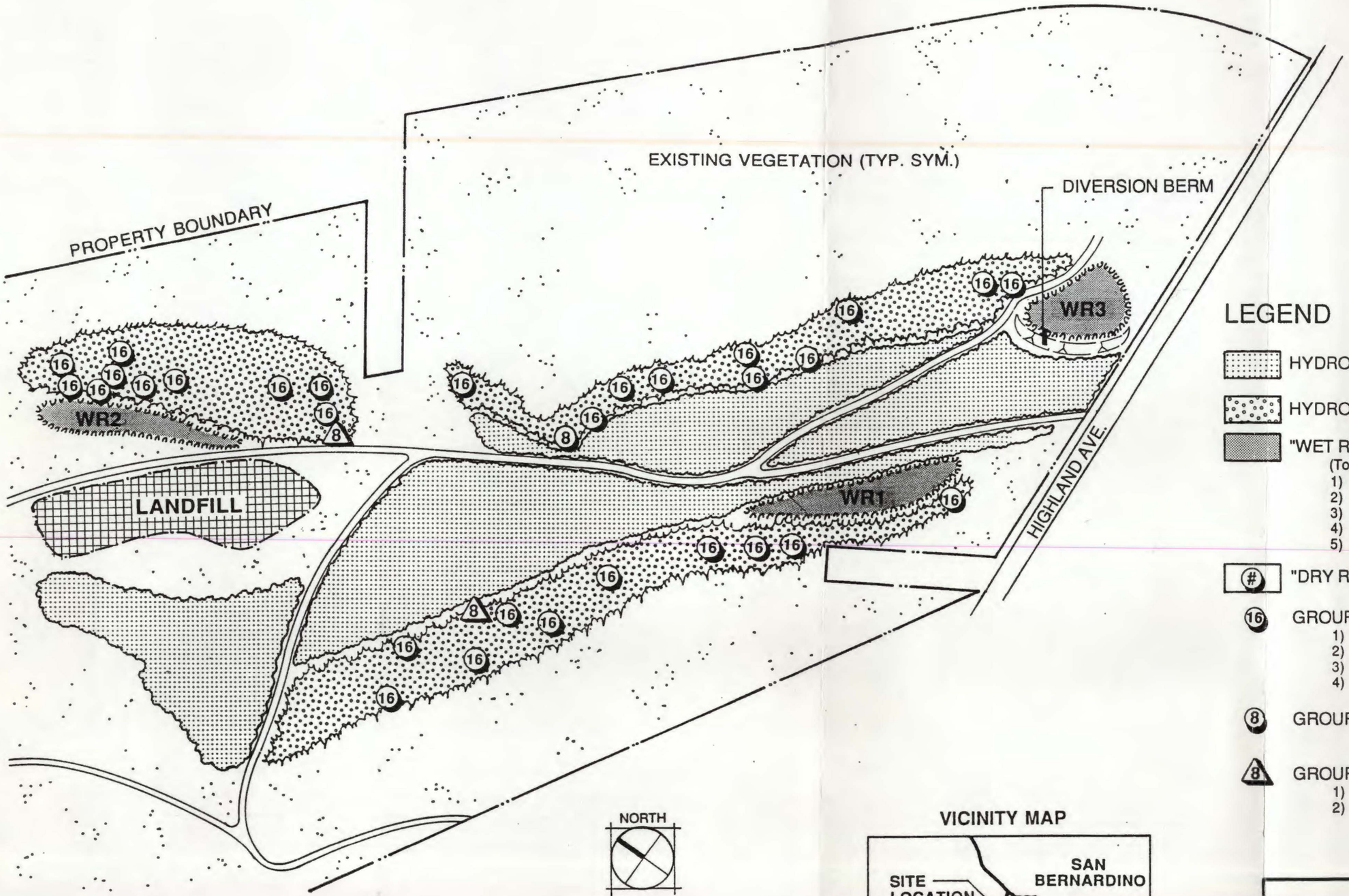
Zone 3) Wet Riparian: To be planted from container grown stock in three relatively wet areas of the wash to expand and enhance existing mesic vegetation. Plants to be grown from propagules collected from the site.

The first planning priority was to formulate the seed and container plant lists so that the site specific seed and propagule collection could begin. During the initial planning a list of species suitable for revegetation was developed based upon several site visits (Blane & Bramlet) and from the lists included in the Tierra Madre Plan. Using local species ecotypes was considered of high importance since genetically adapted materials are believed to increase revegetation success. In addition, many of the appropriate species were not normally available from commercial seed suppliers. A seed collection contract was established with S & S Seeds in July 1990. Collections commenced immediately and continued through the Fall of 1991. A contract for growing the plant materials was established with Tree of Life Nursery in July 1990. Propagule collections were preformed and the plants were kept at the nursery until delivery to the site.

A time line, detailing the Schedule of Planning and Implementation (Table 1.) was generated. This time line was used as a guide for coordinating the seed collections, plant material growing and revegetation implementation activities required to install the project at the most optimal time.

The implementation timing was summarized in the Revegetation Guidelines. Hydroseeding and hand planting was to be performed between November 15, 1991 and January 1, 1992 in order to maximize germination and establishment time during the winter period when temperature and soil moisture are typically most favorable. Hydroseeding was to occur after the first substantial rain and after installation of the container plants. However, the recent years of unpredictable rainfall recently experienced in Southern California led to questioning of the target dates for revegetation planting. In October 1991, long-term weather pattern predictions were researched in order to determine if the original planting dates would be appropriate. When it was discovered that no rain was forecast for the next 90 days it was decided that the revegetation planting should be delayed until after January 1, 1992.

The revegetation guidelines also spelled out the logistics and mechanics of container planting and hydroseeding, details of which follow in the implementation section.



LEGEND

- HYDROSEED - LIGHT APPLICATION (1000# / AC.)
- HYDROSEED - HEAVY APPLICATION (2000# / AC.)
- "WET RIPARIAN" AREAS: WR1, WR2, WR3
  (Total plants for areas WR1,WR2, & WR3 indicated)
  1) Baccharis glutinosa 600 plants
  2) Salix lasiolepis 250 plants
  3) Salix gooddingii 25 plants
  4) Platanus racemosa 226 plants
  5) Populus trichocarpa 226 plants
- (#) "DRY RIPARIAN" AREAS
- (16) GROUP OF 16: (4 OF EACH SPECIES)
  1) Prunus ilicifolia
  2) Sambucus mexicana
  3) Cercocarpus betuloides
  4) Juglans californica
- (8) GROUP OF 8: (2 OF EACH SPECIES)
  (Species same as groups of 4)
- (8) GROUP OF 8: (4 OF EACH SPECIES)
  1) Populus trichocarpa
  2) Platanus racemosa

VICINITY MAP



CALMAT CO.
SAN BERNARDINO PLANT
REVEGETATION, PHASES A-1 AND B-1

FIGURE 2.

SITE MAP & PLANTING LOCATIONS

TABLE 1.

Schedule of Planning and Implementation

CalMat Co., San Bernardino Plant, Revegetation Project, Phases A-I and B-I

TASK		1991 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	1992 Jan	Feb	Mar
On going Seed Collections	W															
Plant Materials Growing Under Contract																
Perform Rare Plant Surveys	W															
Confirm Seed Collection Quantities																
Confirm Plant Materials Quantities																
Solicit Bids from Landscape Contractors																
Select Landscape Contactor	@															
Inspect Plant Materials at Nursery																
Complete Final Grading & Contours	W															
Review Final Grading & Contours	M															
Install Container Grown Plant Materials	MW															
Install Hydroseeding	MW															
InspectCompleted Planting & Record Details	M															

@ = Decision Point
M = Requires On Site Monitoring
W = Subject to Weather Patterns

REVEGETATION IMPLEMENTATION

Site Preparation

Grading: The revegetation areas for Phases A-1 and B-1 consists of the Cajon and Lytle Creek confluence from the Highland Avenue Bridge to about 1200 feet upstream. Prior to recontouring, the site was bordered by highwalls on the east and west. As part of the revegetation site preparation process, the highwalls were reclined and recontoured to a more natural appearing 5:1 slope.

Soil Preparation: Just prior to planting and seeding, the 5:1 slopes were ripped on the contour to prepare the seed bed. The ripping procedure also improved water retention and reduced the erosion potential. All grading and ripping was performed by CalMat Co. personnel.

Weed Eradication: Predominate weed species were removed from the site by the landscape contractor. *Arundo donax, Nicotiana glauca,* castor bean and tamarisk were eradicated by pulling and, cutting and spraying the remaining stumps with "Round-up" herbicide. A green dye was added to the herbicide solution to facilitate visual identification for the applicators and implementation monitors of the stumps that had been sprayed.

Hydroseeding and Container Planting

Hydroseeding: The final seedmix application rates were determined based on the actual quantities of seed materials collected and their purity and germination rates. Seed testing was performed to determine the quality of seeds used. The final, site specific seedmix, (with % purity, % germination and application rates indicated) applied to the revegetation area is listed in Table 2.

The hydroseeding was applied with two different mulch rates. The flat wash areas were hydroseeded with 1,000 pounds per acre of cellulose wood fiber. The slope areas had mulch applied at 2,000 pounds per acre. Since the flat

areas had some existing desirable vegetation and limited erosion potential it was determined that a lower mulch would be appropriate. The 1,000 pound per acre mulch rate also reduced the potential for damaging the existing vegetation from covering of mulch. The slope areas had a greater need for erosion control, hence the higher mulch rate.

To further protect existing vegetation a water truck followed the hydroseeding operations to wash off excess mulch from existing vegetation. However, after the first day the "hydro-washing" with the water truck was abandoned because of ineffectiveness and difficult access.

Container Plants: The spatial pattern layout for the container plants was performed by assigning colored flags to each species and placing the flags in the locations desired for planting (see Figure 2. for actual plant layout). The flags were again placed in the plant basins after planting to aid in identifying plant species. The landscape contractor (Kerr Landscape) dug the planting pits using a combination of a power auger and small backhoe, depending on soil conditions. Before planting, pits were filled with water twice. After planting, basins were built around each plant. Plant basins were also filled with water twice. The initial watering-in procedures were performed to build up a moisture reserve in the soil around the plant roots. No soil amendments or fertilizers were added to the planting pits in order to encourage plant adaptation to existing conditions. Wood mulch was placed in the plant basins to further preserve moisture in the soil and reduce weed growth. The plants materials used on site are listed in Table 3.

Although the Revegetation Guidelines did not recommend or require irrigation after planting, infrequent applications of water will be applied to the container planted materials to increase survivorship. Additional irrigation after 1992 is not anticipated. The site will be monitored on a regular basis to make recommendations for irrigation frequencies and weed control.

TABLE 2. Seed Materials Planted

LBS/AC Applied	SPECIES:	%Purity - % Germ	Pure Live Seeds %	# of PLS per pound
2.0	Eriastrum densifolium ssp. elongatum Chaparral woolly star	8-60	5	51,690
15.8	Eriogonum fasciculatum California Buckwheat	60-3	2	6,565
1.3	Eriogonum gracile (E. davidsonii) Slender Buckwheat	17-6	1	27,634
1.7	Eriogonum thurberi Thurber's Buckwheat	4-8	0.3	18,374
0.13	Rhus trilobata Basket Bush	96-20	19	1,629
6.0	Lepidospartum squamatum Scalebroom	23-0	0	0
1.5	Cercocarpus betuloides Birch-leaf Mountain Mahogany	71-74	52	7,637
0.14	Salvia columbariae Chia	94-65	61	479,784
1.12	Gutierrezia bracteata Matchweed	2-5	0.11	3,050
0.5	Haplopappus linearifolius Goldenbush	.3-0	0	0
6.0	Lotus scoparius Deerweed	96-80	76	157,201
0.68	Artemisia californica California Sagebrush	26-70	18	1,107,797
0.12	Croton californicus California Croton	86-8	7	3,412
0.7	Eriodictyon trichocalyx Yerba Santa	.09-8	0.01	526
2.0	Salvia apiana White Sage	66-37	25	74,409
0.5	Rhamnus crocea Red Berry	95-38	36	18,872
2.0	Yucca whipplei Chaparral Yucca	99-77	77	15,790
0.025	Nicotiana biglovii Bigelow Tobacco	20-15	3	178,529
0.4	Senecio douglasii Butterwed	22-16	3.5	20,778
3.75	Adenostoma fasciculatum Chamise	62-8	5	24,856
0.27	Phacelia ramosissima Phacelia	99-92	91	431,041
0.5	Chrysopsis villosa Golden Aster	7-1	.07	598
0.18	Tetradymia comosa Cotton Thorn	9-1	.09	217
0.15	Artemisia dracunculus Tarragon	8-27	2	155,435

TABLE 3. Container Plant Materials Planted

Dry Riparian Container Plants

SPECIES	Size	Total Plants Installed
Cercocarpus betuloides Mountain Mahogany	1 gallon deep pot	122
Juglans californica California Walnut	1 gallon deep pot	122
Platanus racemosa California Sycamore	1 gallon deep pot	16
Populus trichocarpa Black Cottonwood	1 gallon deep pot	16
Prunus ilicifolia Holly Leaf Cherry	1 gallon deep pot	122
Sambucus mexicana Mexican Elderberry	1 gallon deep pot	122
TOTAL, DRY RIPARIAN		**520**

Wet Riparian Container Plants

SPECIES	Size	Total Plants Installed
Baccharis glutinosa Mulefat	1 gallon deep pot	600
Platanus racemosa California Sycamore	1 gallon deep pot	226
Populus trichocarpa Black Cottonwood	1 gallon deep pot	226
Salix goodingii Black Willow	1 gallon deep pot	25
Salix lasiolepis Arroyo Willow	1 gallon deep pot	170
Salix lasiolepis Arroyo Willow	rose pot	80
TOTAL, WET RIPARIAN		**1,327**

Platanus racemosa and *Populus trichocarpa* were planted in outer margins of area, all others were planted throughout area.

FUTURE MONITORING

Objectives

Monitoring, both biological and horticultural, will be performed to properly manage the site and measure success of the revegetation efforts.

Biological Monitoring is performed to document that the revegetation areas achieve success standards based on vegetation in the undisturbed reference areas. Biological monitoring will consist of vegetation sampling of both the reference areas (baseline data collection) and the revegetated areas.

Horticultural Monitoring is performed to follow the initial growth patterns and health of seeded and planted materials. The objective of horticultural monitoring is to inspect the revegetation area on a regular basis and, if necessary, make recommendations for additional watering, replanting, weed removal, site protection or erosion repair. This will assure appropriate and necessary maintenance activities are performed to establish the revegetation planting.

Schedule and Methods

Biological monitoring shall take place annually for a period of five years. Vegetation sampling will be performed by a professional biologist with experience in revegetation monitoring. Monitoring will take place in late spring when the maximum number of species are present and identifiable. Because yearly climatic variation strongly affects plant diversity, a new baseline data set shall be collected each spring as part of the of the vegetation monitoring.

Baseline data collection shall occur in undisturbed reference areas similar to the revegetation site in location, elevation, slope, aspect, size and soil type. The reference area vegetation structure shall be quantified in terms of percent cover, density, and diversity.

Baseline data will be collected using 30m line intercept transects. The number of transects used (n) will be the number necessary to achieve 80% statistical confidence. Transects will be marked with surveyor's tape and photo-documented for repeatability.

Data on elevation, slope, aspect and soil type will be recorded for each transect. Transect intercepts of plant species, leaf litter, dead wood, bare ground and rock will be recorded. Percent cover shall be expressed as the length of the transect intercepting vegetation divided by the length of the transect and multiplyed by 100. Percent cover shall be calculated for total vegetation cover, with sub-groups for shrubs, annuals and significant species. Density shall be expressed as the number of individual plants per transect. Total density as well as densities for significant species shall be recorded. Diversity shall be expressed as the number of different species encountered along n transects, distinguishing between native and non native plants. In addition, a complete species list of the reference area should be compiled and maintained.

Revegetation areas will be sampled using the same methods as the baseline collection and shall occur at the same times with the same number of transects as the baseline collection. Complete species lists are to be maintained for the revegetated areas and repeatable photo vantage points are to be established.

During the first few years, monitoring in the revegetated areas may be done using quadrats to sample percent cover, density and diversity. Particularly, for collecting data on forbs, grasses and seedlings, it will be necessary to sample using the quadrat method. Sampling will occur within one quarter meter^2 quadrats placed at five meter intervals, beginning at the five meter mark along each of the 30 meter transects, equalling six quadrats per transects.

Non-native plant cover shall be maintained within a certain tolerance of the non-native cover in the reference areas. Noxious weeds should be controlled regardless. Container-planted materials shall be monitored to determine if a 50% survival rate is achieved over the five year period. If set standards of baseline approximation are not met within the five year monitoring period, remediation through further revegetation efforts and consequently an extended monitoring period will be required.

Initial Monitoring Observations

During a site visit on March 11, 1992 the following observations were made: Due to the recent heavy rain storms, damage occurred to the plantings especially in the "wet riparian" areas (Figure 3. Map of Flood Damaged Revegetation Areas). The wet riparian area, WR1, on the south-west corner of the site had been completely washed out and a new stream channel now exists. The new stream channel also cut into the western 5:1 slope resulting in a new vertical wall ranging in height from three feet to in excess of ten feet high. A limited number of "dry riparian" container plantings were also washed out in this area.

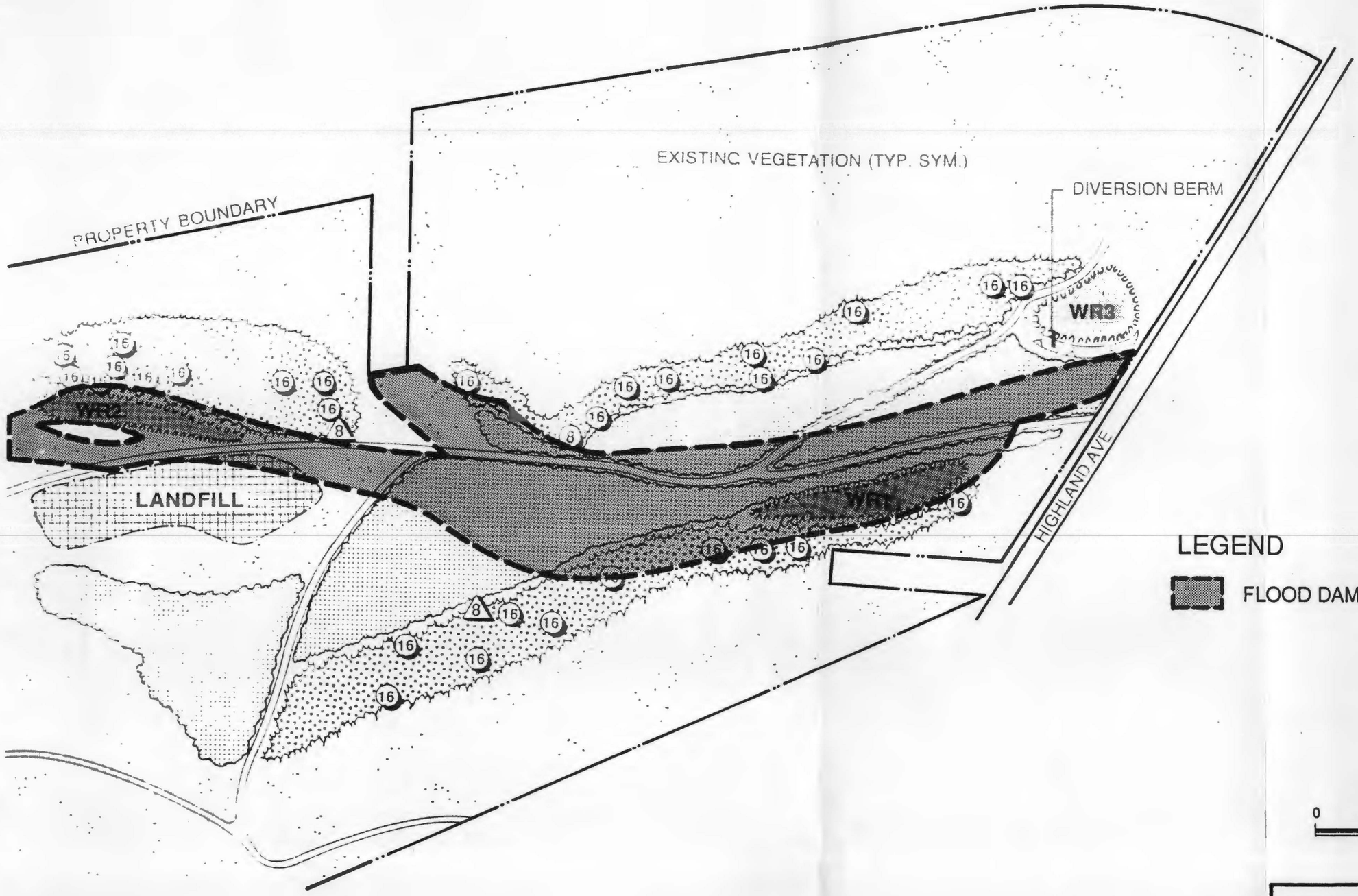
Wet riparian area WR2, located in the north-east section, received heavy silt deposits. Many plants were either entirely buried with silt and could no longer be located or they could be located because of the flagging and are partially buried with up to 15 inches of silt.

The third wet riparian area, WR3, located in the south-east corner of the site sustained minimal damage, consisting of accumulation of silt within a few basins.

The west and east slopes also incurred some flood rill damage. Some of the dry riparian container plants planted in these areas had damage to their basins in the form of siltation or wash outs.

Upon CalMat Co.'s request, the landscape contractor returned to the site to repair some of the damage by filling in the basins where plant roots had become exposed in the south-east wet riparian area. He also dug out what plants he could in the north-east wet riparian area and re-built plant basins. Some repair of basins and re-mulching of plants in the dry riparian, east slope, was also performed.

Minimal amounts of *Arundo donax, Nicotiana glauca,* castor bean and mustard seedlings were noted reinfesting the site. Subsequently, CalMat Co.'s



LEGEND

FLOOD DAMAGED REVEGETATION AREA

NORTH

0 200 400 600 800 FEET

CALMAT CO.
SAN BERNARDINO PLANT
REVEGETATION, PHASES A-1 AND B-1

NOTE:
SEE FIGURE 2 LEGEND
FOR ADDITIONAL INFORMATION

FIGURE 3.

MAP OF
FLOOD DAMAGED
REVEGETATION AREAS

personnel visited the site to remove some weeds and apply herbicide to the *Arundo donax* and a few thick infestations of mustard seedlings. Additional weed control will be provided in the future.

The container planted materials, undamaged by storms, were healthy and actively growing, their continued growth and survival appears promising. Small seedlings of hydroseeded native species were noted germinating throughout the site and also show promise for future establishment and growth.

Initial Seed Germination Data Collection: On June 23, 1992 the revegetated areas were sampled to collect data on seed germination. Two revegetated slopes were sampled to determine initial success of the hydroseeding. The sampling was done with 0.25 meter^2 quadrats, placed at 5 meter intervals along a 30 meter transect. A total of 78 quadrats were sampled for this study. On the west slope three transects were conducted in two apparently different zones, one near the upper edge of the hydroseeding and a lower set near the existing vegetation found in the alluvial fan. The east slope was then sampled with four transects on the southern part of the slope and another three transects at the northern end of the area. The cover of shrub seedlings appeared very different on this slope vs. the west slope.

Data collected in the quadrats included; total number of shrub seedlings and forb or grass species, estimated shrub cover, and total number of dead shrub seedlings. To determine the adequacy of the sample size, a running mean was calculated for the California buckwheat seedlings. This method notes the point when additional quadrats no longer significantly effect the mean of species sampled in these transects. The analysis found that a the very minimum, twenty quadrats were required to adequately sample the shrub seedlings on the revegetated areas.

The collected data was placed on spreadsheets and the average density of seedlings and cover was developed. Table 4 compares the number of pure live seeds per meter^2 with estimates of number of seedlings per meter^2, on both the west and east slopes. This Table also indicates the percent mortality of shrub species found in the transects. The mortality value was developed from the average number of dead seedlings noted for all of the samples in the study. In

several instances, the actual shrub density, per meter^2, is higher than the number of seeds planted on site. Some species were recorded to have no germination in the seed test, such as scalebroom, however, seedlings were found in the revegetated areas. There are a number of potential explanations for this apparent discrepancy. First, it is possible that there were viable seed in the seed material collected, that were not determined as live seed in standard seed germination tests. Another possibility, is that the site already contained a seed bank in the soil which could have augmented the seeds which were applied to the revegetation site. This concept is supported by a number of forb and other shrub seedlings found on site that were not in the seed mixture. In addition, some species, such as mulefat and prickly pear, were noted resprouting from existing rootstocks which had remained in the soil.

Figures 4, are graphs showing the average number of seedlings per 0.25 meter^2 for the west and east slopes. Figures 5, are graphs showing the percent cover values per transect. Cover values are separated into shrubs and forb/grass cover.

TABLE 4

PURE LIVE SEED PER ACRE VS.
SEEDLINGS PER ACRE

CALMAT CO.
SAN BERNARDINO PLANT REVEGETATION PROJECT
JUNE 1992

Species In Seed Mixture	# PLS per meter^2	Seedlings per meter^2- West Side	Seedlings per meter^2- East Side	Percent Mortality
Adenostoma fasciculatum Chamise	23.12	0	0	----
Artemisia californica California sagebrush	186.82	30.12	7.3	8.5%
Artemisia dracunculus Tarragon	5.78	12.05	2.17	0%
Cercocarpus betuloides Birch-leaved mountain mahogany	2.81	1.33	0.67	67%
Chrysopsis villosa Golden aster	0.07	1.33	0	0%
Eriastrum densifolium ssp. *elongatum?* Chaparral woolly star	25.64	41.33	31.83	6%
Eriogonum fasciculatum ssp. *foliolosum* California buckwheat	25.72	64.67	35.14	3%
Eriodictyon trichocalyx Yerba santa	0.09	0	0	---
Gutierrezia bracteata Matchweed	0.85	0	0.67	0%
Haplopappus linearifolius Goldenbush	0	0	0	---
Lepidospartum squamatum Scalebroom	0	2.17	2.18	0%
Lotus scoparius Deer weed	233.92	7.33	10.33	13%
Rhamnus crocea Holly-leaved redberry	2.34	0	0	---
Rhus trilobata Basket bush	0.05	0	0	---

Salvia apiana White sage	36.91	24.77	11.88	12%
Senecio douglasii Butterweed	2.06	2	1.67	0%
Tetradymia comosa Cotton thorn	0.01	0	0	
Yucca whipplei Chaparral yucca	7.83	0	0[2]	---
Croton californicus California croton	0.10	0	0.38	*[3]
Eriogonum gracile (E. davidsonii) Slender buckwheat	8.91	1.23	0.19	*[3]
Eriogonum thurberi Thurber's buckwheat	7.75	0.89	1.05	*[3]
Nicotiana bigelovii Wallace's tobacco	1.11	0	0[2]	---
Phacelia ramosissima Branching phacelia	28.86	0	0.01	*[3]
Salvia columbariae Chia	16.66	0.45	0	---

---

[1] - Mortality was determined by averaging the dead shrub seedlings noted in all the sampled quadrats. Sample sizes for some shrub species is too small to accurately determine the actual percent mortality for these species.

[2] - Seedlings of these species were observed within the revegetation area but were not located in any of the sampled transects.

[3] - Mortality data was not collected on annual plant species.

CalMat Co.,

San Bernardino Plant Revegetation Project

June 1992

FIGURE 4
Average No. Shrub Seedlings, West Slope

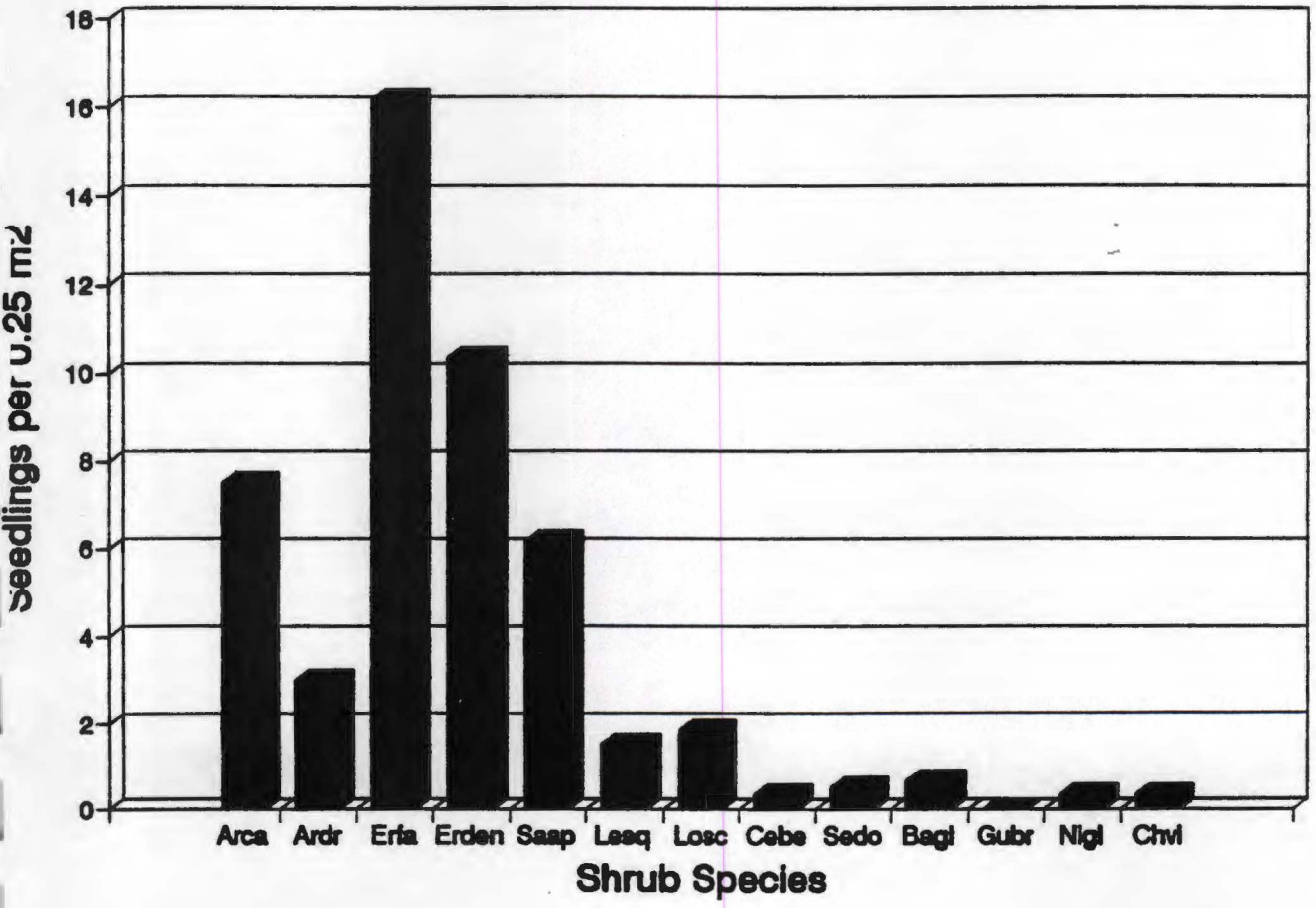
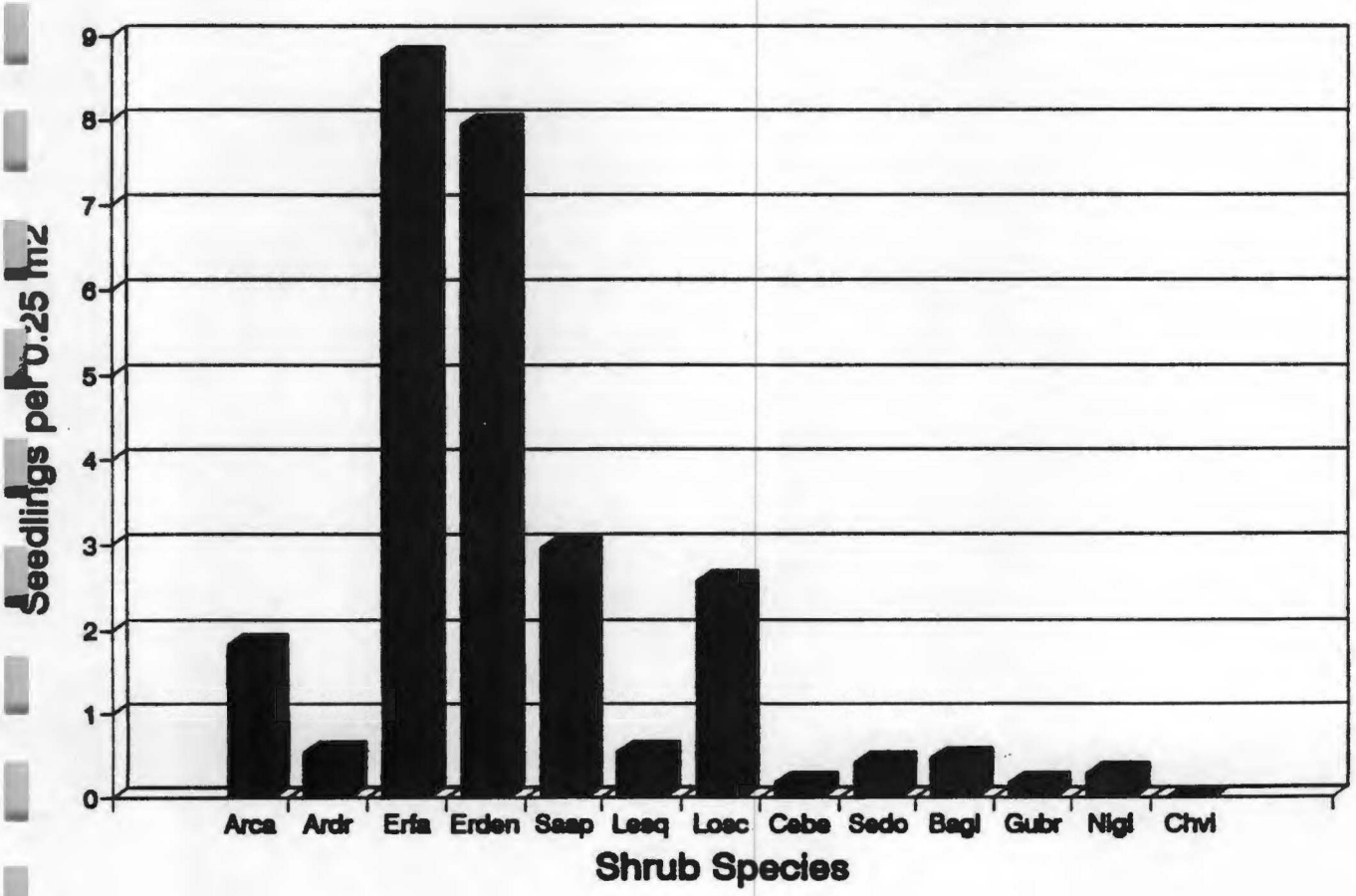


FIGURE 4 Cont'd
Average Shrub Seedlings East Slope



Key to the Plant Species Abbreviations

Shrubs and subshrubs

Arca - *Artemisia californica*

Ardr - *Artemisia dracunculus*

Erfa - *Eriogonum fasciculatum*

Erden - *Eriastrum densifolium*

Saap - *Salvia apiana*

Lesq - *Lepidospartum squamatum*

Losc - *Lotus scoparius*

Cebe - *Cercocarpus betuloides*

Sedo - *Senecio douglassii*

Bagu - *Baccharis glutinosa*

Gubr - *Gutierrezia bracteata*

Nigl - *Nicotiana glauca*

Chvi - *Chrysopsis villosa*

Forbs and Grasses

Amac - *Ambrosia acanthicarpa*

Bragen- *Brassica geniculata*

Cambis - *Camissonia bistorta*

Camhir - *Camissonia hirtella?*

Crin - *Cryptantha intermedia*

Crer - *Crassula erecta*

Ergr - *Eriogonum gracile*

Erda - *Eriogonum davidsonii*

Erth - *Eriogonum thurberi*

Lela - *Lepidium lasiocarpum*

Losq - *Loeflingia squarrosa*

Plca - *Plagiobothrys californicus*

Sool - *Sonchus oleraceus*

Phdi - *Phacelia distans*

Pepen - *Pectocarya penicillata*

Saco - *Salvia columbariae*

Ceme - *Centaurea melitensis*

Scba - *Schismus barbatus*

Mavu - *Marrubium vulgare*

Chal - *Chenopodium album*

Grunk - Unknown Grass

Slau - *Salsola australis*

Cham - *Chenopodium ambrosioides*

Chglab - *Chaenactis glabriuscula*

Erset - *Eremocarpus setigerus*

Siiro - *Sisymbrium irio*

Ercic - *Erodium cicutarium*

Erbot - *Erodium botrys*

Brdian - *Bromus diandrus*

Brtec - *Bromus tectorum*

Crocalif- *Croton californicus*

Plin - *Pectocarya linearis*

Vulmy - *Vulpia myuros*

Eupoly - *Euphorbia polycarpa*

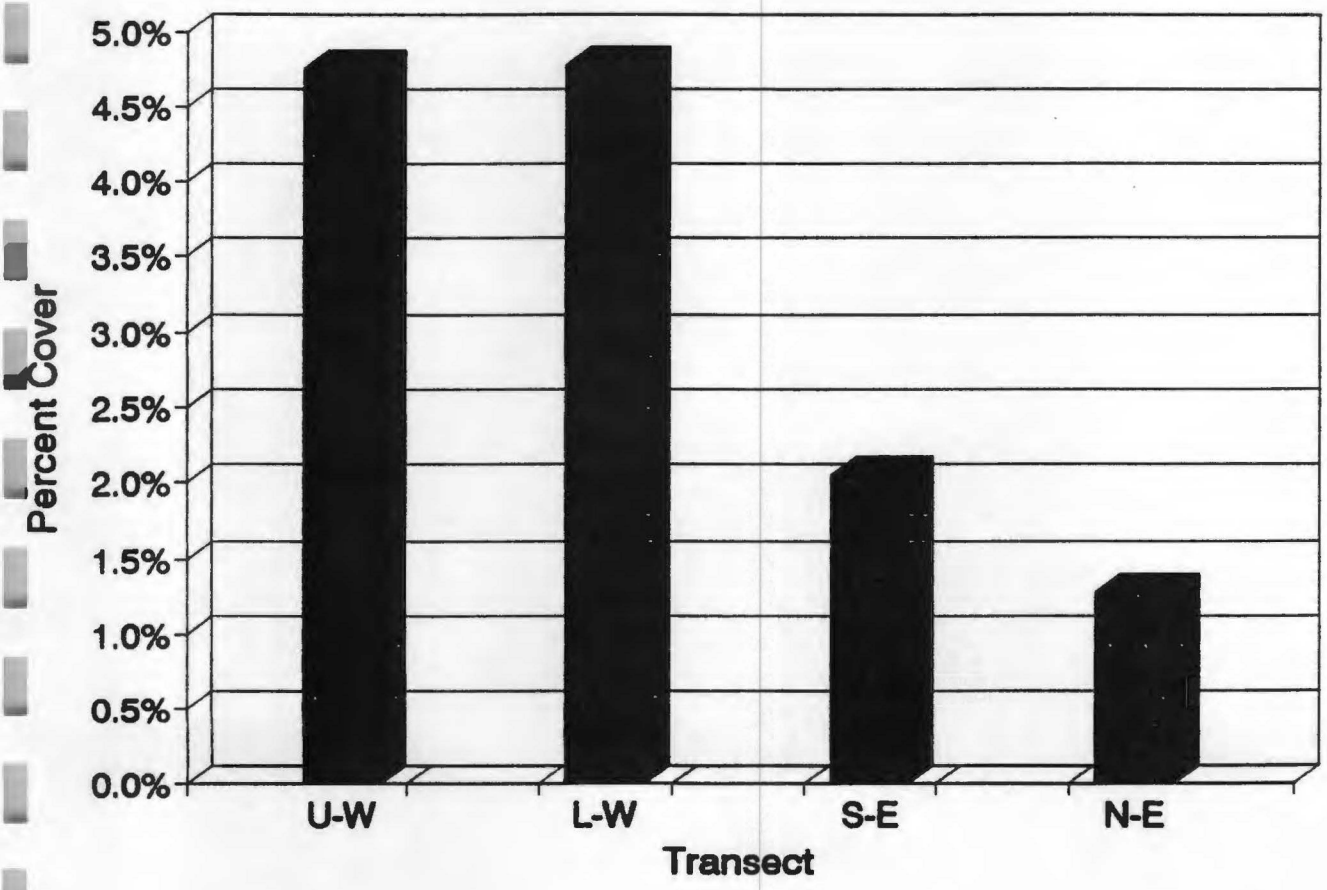
Aramlbus - *Amaranthus albus*

CalMat Co.,

San Bernardino Plant Revegetation Project

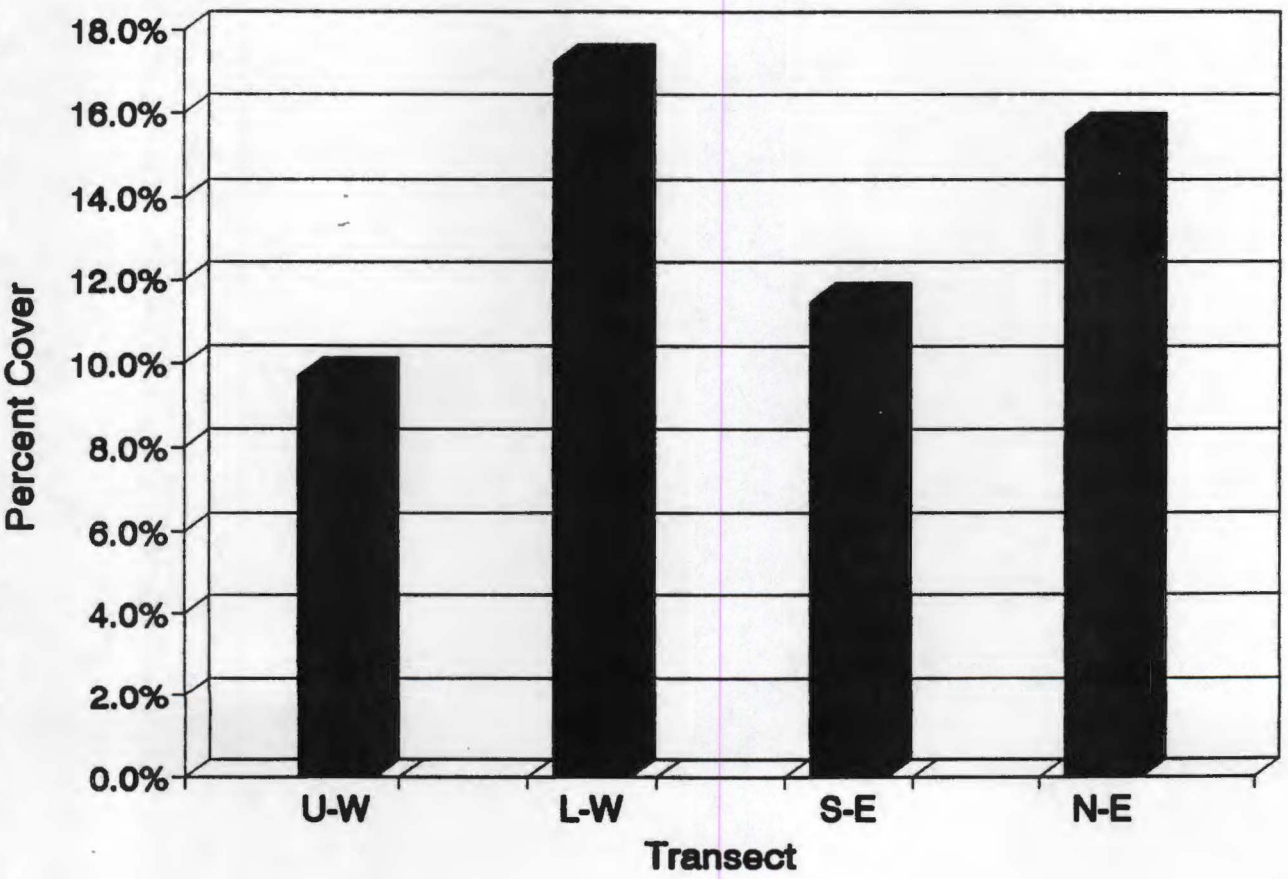
June 1992

Figure 5
Average Shrub Cover



U-W = Upper West Slope
L-W = Lower West Slope
S-E = Southeast Slope
N-E = Northeast Slope

Figure 5 cont'd
Average Forb/Grass Cover



U-W = Upper West Slope
L-W = Lower West Slope
S-E = Southeast Slope
N-E = Northeast Slope

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Appendix A. Account of Implementation Activities

Appendix A. Account of Implementation Activities

The following is a chronological account of the implementation of CalMat Co. San Bernardino revegetation phases A-1 and B-1 as noted by the implementation monitors.

1/20/92 (Day 1)
Monitors B. Bennett, M. Blane, S. Eliason and D. Bramlet all present. The revegetation plan was reviewed with J. Stafford of Kerr Landscape. Pre-revegetation photos were taken by B. Bennett and S. Eliason. CalMat Co. performed final grading in wet riparian area 1 (WR1). J. Stafford began weed removal. A dumpster was delivered to the site for weed disposal.

1/21/92
S. Eliason took more photos. Kerr Landscape continued weed removal, spraying with a 50/50 dyed solution of Roundup. CalMat Co. performed more contouring on the east slope.

1/22/92
Weed removal continued. S. Eliason measured WR1 as 0.7ac. and noted off road vehicle activity in revegetation area.

1/23/92
Weed removal continued. D. Bramlet noted that some weeds had not received herbicide on the cut surface. The weed dumpster filled up and Kerr began to leave the cut and sprayed weeds in place. J. Stafford agreed to rake up excess castor seed pods. Grading on east slope on south end of tributary wash completed.

1/24/92
Weed removal continued. S. Eliason, D. Bramlet and M. Blane flagged plant layouts on WR1 and WR2. Pin flags were placed for 87 sycamores, 93 cottonwoods, 20 black willows and 210 arroyo willows in WR1. Flags were placed for 27 cottonwoods, 33 sycamores, 5 black willows and 40 arroyo willows, in WR2. *Baccharis* were not flagged due to large numbers; Kerr was

instructed to plant the *Baccharis* 5' on center in planting zones within WR1 and WR2.

1/27/92

M. Blane asked Kerr Landscape to remove large clumps of castorbean just upstream from Phase 1 so that seed would not flow into the project during storms, Kerr agreed. Hydroseeding began in the river bottom using the light application specified at 1000lbs/ac. A water truck attempted to follow the hydroseeding truck to wash the slurry off existing vegetation. The plant washing process was much slower than the hydroseeding and was not as effective as hoped. S. Eliason and D. Bramlet flagged the dry riparian plant layout on the west slope. 10 groupings of 16 plants each were flagged. Each grouping contained 4 plants each of mountain mahogany, California walnut, holly leaf cherry and Mexican elderberry. One grouping of 8 sycamores and 8 cottonwoods were flagged at the base of the west slope. 32 each, sycamore and cottonwood were then flagged in WR2.

1/28/92

Hydroseeding continued in the river bottom. Kerr Landscaping abandoned the plant washing procedure. Plant pit digging, with the use of a back hoe, and watering began in WR1 . The first shipment of plants arrived and was made up of wet riparian species. S. Eliason flagged the dry riparian plant layout on the upper and lower east slopes. Each with 10 groupings of the composition used on the west slope. There was also one grouping of 8 each sycamores and cottonwoods flagged at the base of the upper east slope. The area of WR2 was estimated at 0.4ac and the area of WR3 was estimated at 0.5ac.

1/29/92

Container planting began in WR1. Holes were filled with water and let drain twice before planting. Upon planting a basin was formed around the plant and filled twice with water.

1/30/92

Planting continued on west side. Bobcat augured planting holes. D. Bramlet noted problems with off road vehicle activity in the project area and kids pulling up pin flags. D. Bramlet flagged a plant grouping of 8 plants - 2 each of

Cercocarpus, Juglans, Prunus and *Sambucus* on the lower east slope just south of the tributary wash. The remainder sycamore and cottonwood positions were flagged in and around WR3. D. Sprague expressed concern about the potential need for additional watering during the winter months if there was no additional rain. D. Bramlet noted that late spring and summer was a period of greater concern.

1/31/92
Planting completed on west side and begun on east side.

2/1/92
Continued planting on east side.

2/3/92
Windy day.
S. Eliason counted 190 *Baccharis* planted in WR1 and 409 in WR2.

2/4/92
S. Eliason completed draft map of revegetated. area and noted many tree tobacco resprouts on the slopes.

2/5/92
Hydroseeding of west slope begun using the heavier mulch application specified at 2000 lbs/ac. D. Bramlet advised J. Stafford to substitute 22 surplus sycamore and 2 surplus cottonwood for a deficit of 12 *Prunus* and 12 *Juglans.* The remainder of the surplus sycamores and cottonwoods were targeted for WR3.

2/6/92
Rainy day. Slope hydroseeding continued. D. Bramlet noted good coverage. Planting complete except for mulching in basins. Mulch delivered, D. Bramlet described the mulch as small wood waste chips with a lot of fine material mixed in, but that the material appeared acceptable for the project.

2/7/92

Rainy day. Slope hydroseeding continued.

2/10/92
Rain

2/11/92
Heavy rain

2/12/92
Heavier rain (>2"). Creek bed flooded, flow at 2.5' mark at Highland Avenue bridge.

2/13/92
Rain. Total rain for 2/10-2/15 was 6"!

2/19/92
Hydroseeding continued. Container plant mulching begun.

2/21/92
Hydroseeding completed. Container plant mulching unfinished.

3/12/92
Final review with M. Blane, B. Bennett and J. Stafford. M. Blane and B. Bennett felt the revegetation work had been performed satisfactorily. M. Blane noted the extensive damage caused by the heavy February rains. This damage included the total washout of WR1 and a large portion of the west slope, severe siltation in WR2, minor siltation and standing water in WR3 and rills in the east and west slopes.damaging the basins of some dry riparian plantings. J. Stafford agreed to spend the rest of the day repairing basins and digging out silted over plants in WR2 and WR3. Kerr may be asked back to continue repairing basins, digging out plants and re-applying mulch where appropriate. M. Blane also noted many weeds reinfesting the site. A few native seedlings were noted popping up throughout the site. The hydroseeding contractor ended up with several bags of seed remaining from the job. It was requested that the extra seed be shipped to B. Bennett/CalMat Co.

Appendix B. Photo Documentation



Photo 1. Soil preparation for hydroseeding and container planting was performed by ripping the 5:1 slopes on the contour. This procedure also improved water retention and reduced erosion potential.



Photo 2. One of the weed eradication procedures consisted of "cutting and spraying" large weed species, such as castor bean, with herbicide.



Photo 3. The spatial pattern lay-out for the container plants was performed by by assigning colored pin flags to each species and placing the flags in the desired planting locations.



Photo 4. Planting holes after being dug with a small backhoe. The landscape contractor dug the container planting pits using a combination of a small backhoe and power auger, depending on the soil conditions.



Photo 5. Planting holes after being dug with a power auger.

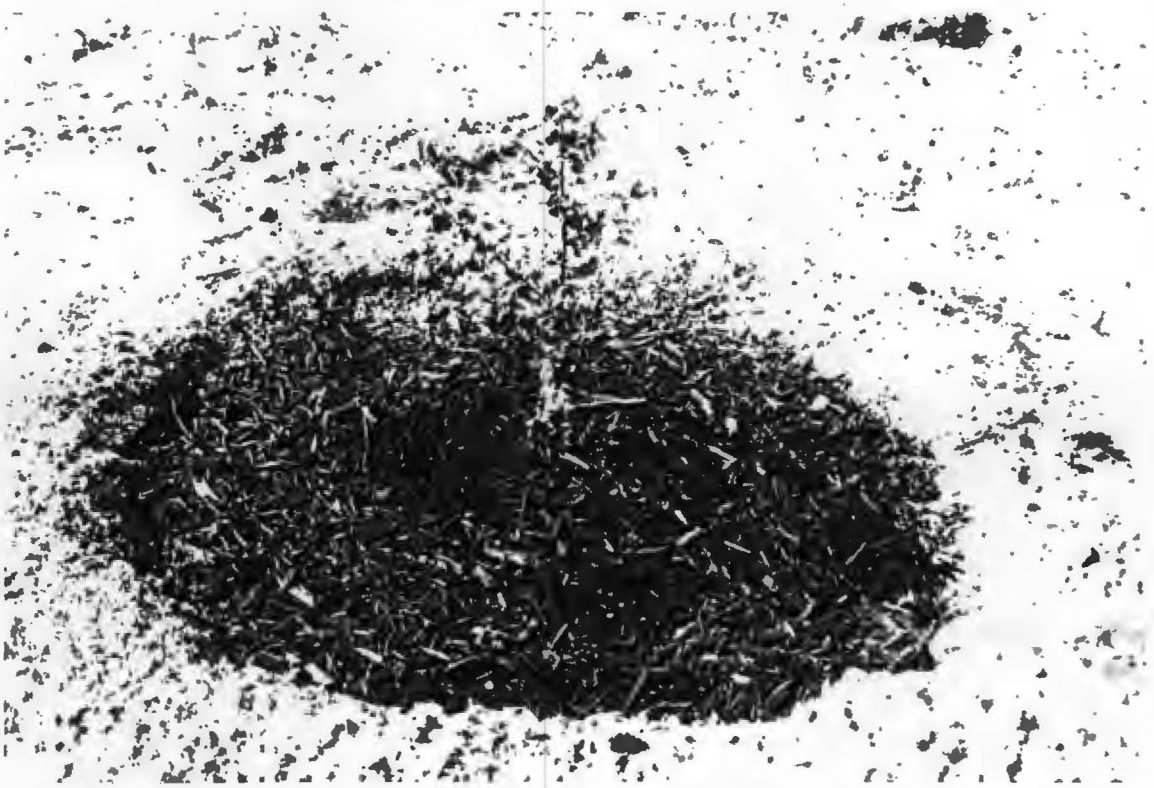


Photo 6. After planting of the container plants, basins were built to facilitate future watering. Wood mulch was placed in plant basins to aid in retaining soil moisture and reducing weed growth around each plant.



Photo 7. Hydroseeding installation activities.



Photo 8. During heavy winter rain storms some of the planting areas were washed out. A new stream channel cut into the west 5:1 slope, resulting in a new vertical wall which ranged in height from three feet to in excess of ten feet.

Appendix C. Revegetation Guidelines

Appendix C. Revegetation Guidelines

REVEGETATION GUIDELINES
CALMAT CO., SAN BERNARDINO PLANT

8 August 1991

Prepared for : Douglas Sprague, CalMat Co., Los Angeles, California
Prepared by: Martha Blane, Revegetation Consultant, San Marcos, California

INTRODUCTION

The CalMat Co. San Bernardino Plant is located in San Bernardino, north of Highland Avenue, in the Cajon Creek and Lytle Creek washes. CalMat Co. proposes to revegetate areas disturbed through mining activities.

Adjacent, undisturbed areas are covered by Riversidian alluvial fan sage scrub and Riversidian coastal sage scrub. It is presumed that the areas disturbed through mining activities were formerly covered by similar vegetation (Tierra Madre Consultants, 1990).

The objectives of this revegetation plan are to restore natural components of Riversidian alluvial fan sage scrub to the extent practicable to provide suitable plant and wildlife habitats.

The restoration efforts will be performed in six phases with phase one beginning in late 1991.

Three restoration zones have been established for this project:

1. Riversidian Alluvial Fan Sage Scrub species shall be seeded in all disturbed areas with seeds collected from the site.

2. Dry Riparian species shall be planted from container grown stock along the lower margins of the graded slopes at the eastern and western

sides of the quarry. Plants shall be propagated from propagules taken from the site.

3. Wet Riparian species shall be planted from container grown stock in an area located at the lower end of the existing quarry. Plants shall be propagated from propagules taken from the site.

The seeded areas are expected to achieve 15% ground coverage within two years. A 50% survival rate is expected for the container planted materials after two years. However, since the site in subject to periodic flooding, once the revegetation planting is completed, CalMat Co. would not be responsible for plant loss due to flooding. In addition, the percent cover and survival rates shall not apply when acts of God, such as fires, occur.

Revegetated Wet Riparian areas shall be kept free of invasive weeds.

TIMING

All hydroseeding and handplanting shall be performed and completed between November 15 and January 1. All efforts should be made to plant during this time since beneficial temperatures and soil moisture aid in germination, establishment and growth of the plants.

Container plants shall be installed prior to hydroseeding. Hydroseeding should occur after the first substantial rainfall of the season.

SOIL PREPARATION

After final grading is complete and natural contours have been restored, all planting areas shall be cross ripped just prior to planting and seeding. The final pass with the rippers shall be done on the contour. All soil surfaces should be left in as rough a condition as possible. The intent is to create small cracks and crevices for the seeds to lodge and to improve water infiltration/retention which will reduce erosion.

Care shall be taken during container planting to minimize soil compaction. Should any areas become compacted or eroded prior to seeding, re-roughening of the soil surface shall be required.

CONTAINER PLANTING

Container grown revegetation plant materials shall be propagated from either seed or cuttings taken from the site. Collection and propagation of seeds and cuttings shall occur approximately one year prior to on site planting. All container materials shall be grown in one gallon or "deep gallon" size. Plants shall be well rooted in containers but not rootbound.

Planting Procedure for Container Plant Materials

In order to provide beneficial soil conditions for plant roots to grow down to subsurface water as soon as possible planting holes shall be augered with a 12" power auger to a depth of three feet or more. Backfill the augered holes with native soil excluding any large stones. Fill augered hole depressions with water several times and let drain.

Place plants in augered holes with the root crown one to two inches above surrounding grade. Build a large basin around each plant approximately two feet wide. Fill basin with water , let drain and repeat. In the Dry Riparian areas mulch basins with a two inch layer of nitrolized redwood bark, fill basin with water and let drain. Mulch is not required for the Wet Riparian plantings.

Since no irrigation will be provided after planting, the moisture applied and stored during planting and mulching is important in reducing the plant mortality rate.

One of the revegetation goals is to replace and mimic the natural planting density and distribution. Therefore, the spacing/arrangement of plant materials shall be done in a somewhat random pattern using adjacent undisturbed areas as a guideline for the planting pattern. The quantities and spacings listed below are approximate and include a 50% mortality rate.

Dry Riparian Container Plants

SPECIES	#/AC	Approx. Spacing
Cercocarpus betuloides Birch Leaf Mountain Mahogany	18	20'
Juglans californica California Walnut	18	20'
Platanus racemosa California Sycamore	18	20'
Populus fremontii Fremont's Cottonwood	18	20'
Prunus ilicifolia Holly Leaf Cherry	18	20'
Sambucus mexicana Mexican Elderberry	18	20'
	108 Total plants per acre	

Plant Populus fremontii in lowest sections of Dry Riparian area.

Wet Riparian Container Plants

The percent of each species to be planted in the Wet Riparian areas is based on Tierra Madre Consultants recommendations. In addition, they recommend that the Platanus racemosa and Populus fremontii " be planted towards the margins of the area, while Baccharis glutinosa and Salix spp. should be planted throughout the area".

SPECIES	#/AC	Approx. Spacing
Baccharis glutinosa Mulefat	390	5'
Platanus racemosa California Sycamore	78	12'
Populus fremontii Fremont's Cottonwood	78	12'
Salix laevigata Red Willow	78	10'
Salix lasiolepis Arroyo Willow	156	8'
	780 Total plants per acre	

HYDROSEEDING

Hydroseed all revegetation areas including Riversidian Alluvial Fan Sage Scrub, Dry Riparian and Wet Riparian zones in the following manner.

Hydroseeding shall consist of a hydraulic application of a homogeneous slurry mixture consisting of water, seed, organic soil stabilizer and cellulose wood fiber mulch. No fertilizer is included because the sites are non-irrigated and native plants have very low nutrient requirements. Additionally, fertilizer will often encourage growth of weedy, undesirable species.

Apply the following materials in a one step hydroseed application:

2,000 LBS/AC Cellulose Wood Fiber
160 LBS/AC Organic Soil Stabilizer
Seedmix Listed Below

Hydroseeding shall be performed only at times when winds are calm.

Tierra Madre Consultants recommended in their Revegetation Plan of May 14, 1990 that specific plant species be included in a "Required List " and other species be used as "Optional" for revegetation seeding.

Since all seeds, of only native species, are being collected from the site, flexibility in species selections and application rates is recommended. Therefore, in addition to Tierra Madre's seed lists several species have been added for the following reasons:

1. Seed collection during certain years (depending on rainfall) may result in either an abundance or shortage of some species.

2. Greater species diversity can be achieved when many species can be chosen and used for hydroseeding.

3. The use of a variety of annual plant species will aid in providing erosion control and in the establishment of slower germinating perennials and shrubs.

Seed collections shall be monitored throughout each year to ensure that adequate quantities will be available for use in revegetation each fall. Just prior to each phase of hydroseeding the species type and application rate shall be determined by the amount and quality of the seed species collected.

Detailed records of the type and amount of seed planted each year shall be kept.

The application rates listed below reflect a minimum to maximum amount of each species that will be seeded in any year. Application rates are based on average seed counts, quality, success rates and normal amounts that can be collected.

Minimum/Maximum Pounds per Acre	Species
REQUIRED SPECIES:	
1 - 2	Eriastrum densifolium Santa Ana River Woolly Star
8 - 12	Eriogonum fasciculatum California Buckwheat
.5 - 1.5	Eriogonum gracile (E. davidsonii) Slender Buckwheat
.5 - 1.5	Eriogonum thurberi Thurber's Buckwheat
.12 - .5	Rhus trilobata Basket Bush
1 - 3	Lepidospartum squamatum Scalebroom
.5 - 1.5	Cercocarpus betuloides Birch-leaf Mountain Mahogany
.12 - 1.5	Salvia columbariae Chia
.25 - 1	Gutierrezia bracteata Matchweed
.25 - 1	Haplopappus linearifolius Goldenbush

continued...

OPTIONAL SPECIES
(minimum of 5):

3.5 - 8	Lotus scoparius Deerweed
0 - 1.5	Artemisia californica California Sagebrush
.25 - 1	Croton californicus California Croton
.5 - 1.5	Eriodictyon trichocalyx Yerba Santa
.25 - 1.5	Salvia apiana White Sage
0 - 1.5	Rhamnus crocea Red Berry
.5 - 1.5	Yucca whipplei Chaparral Yucca
0 - .25	Nicotiana biglovii Bigelow Tobacco
0 - .5	Senecio douglasii Butterwed
0 - 4	Adenostoma fasciculatum Chamise
0 - .5	Baccharis glutinosa Mulefat
0 - .75	Phacelia ramosissima Phacelia
0 - .5	Chrysopsis villosa Golden Aster
0 - .25	Tetradymia comosa Cotton Thorn
0 - .5	Salvia mellifera Black Sage
0 - .25	Elymus condensatus Giant Wildrye
0 - .25	Artemisia dracunculus Tarragon

Opuntia littoralis was deleted from the original Tierra Madre seed list since appreciable quantities of seed are difficult to obtain.

Seeds collected from the site will be cleaned to quality equal to what is normally available in the seed trade.

Appendix D. Baseline Data Collection Report

Appendix D. Baseline Data Collection Report

Baseline Data Collection Report
CalMat San Bernardino Plant

Prepared by: Dave Bramlet, Biologist, December 1991

Vegetation sampling was conducted to document the existing vegetation cover, density and diversity at the CalMat Co., San Bernardino Plant. The data collected will be used as the standards to determine the success of the revegetation efforts on the reclaimed areas of the site.

To obtain the necessary baseline data, a sampling program was conducted on December 10, 1991. The weather during the sampling period was windy with a light rain on and off throughout the day. These conditions slightly hampered the sampling effort, since on a few of transects the line was affected by the gusty winds. The late season of the sampling provided little opportunity to determine the importance of grass or forb cover but did allow a satisfactory determination of the shrub cover in the sample area.

Two general areas were sampled during this period; a set of five 30 meter line transects were taken on the west of Lytle Creek, just southeast of the existing golf course. An additional five transects were taken on the east side of the creek on a bench above the existing pit and northeast from the first site. Both of these areas contained signs of alluvial activity and would be described as the "intermediate phase" of the Riversidian alluvial fan sage scrub.

The 30 meter line transects were laid out parallel to the existing drainage, since the different phases of this community would be in a linear pattern, depending on the flood flows and scouring in each area. Data on the aspect, elevation and slope for each transect was recorded and the start of each line was marked with surveyor's flagging tape. The length of line bisecting a shrub or sub-shrub was recorded during the sampling, along with the identification of the species and its height. This sampling also recorded an estimate of length of a "hit" of dried annual species, including a tentative identification of the dried material. Estimates of cover were also obtained for litter, dead wood (usually standing dead shrubs), bare ground and rock (large gravel and cobbles).

Following the sampling the data was reduced to the total length of hits for each species and/or category and this total was divided by the line length (30 m.) to obtain a percentage of absolute cover. The shrub cover data was developed into separate tables to indicate the cover for each transect and the average cover value was developed for each species. Relative density values were also developed for each of the species located on the transects.

Cover Values for the CalMat Co., San Bernardino Plant (Lytle Creek Site)

	Transect				
Species	**LW-1**	**LW-2**	**LW-3**	**LW-4**	**LW-5**
Eriogonum fasciculatum	21.50%	5.00%	5.60%	10.50%	4.80%
Lepidospartum squamatum	3.00%	11.00%	11.00%	38.50%	16.20%
Artemisia californica	0.00%	0.00%	0.00%	0.00%	0.00%
Salvia mellifera	0.00%	0.00%	0.00%	0.00%	0.00%
Guiterrezia bracteata	0.00%	2.50%	3.00%	0.00%	0.00%
Opuntia littoralis	2.00%	0.00%	0.00%	2.80%	0.00%
Lotus scoparius	0.00%	0.00%	3.00%	0.00%	2.30%
Yucca whipplei	0.00%	0.00%	0.00%	3.50%	0.00%
Chrysopsis villosa	0.00%	0.00%	0.00%	0.00%	0.00%
Eriastrum densifolium ssp. elongatum	0.00%	0.00%	0.00%	0.00%	0.00%
Total Shrub Cover	**26.50%**	**18.50%**	**22.60%**	**55.30%**	**23.30%**
Annual Cover	1.50%	4.50%	2.50%	4.80%	12.70%
Litter	3.00%	1.70%	9.20%	5.50%	15.30%
Dead Wood	16.00%	6.20%	14.20%	5.30%	4.10%
Bare Ground	7.00%	15.00%	41.60%	17.00%	37.00%
Rock	47.00%	54.50%	9.70%	8.50%	6.50%
Total	**101.00%**	**100.40%**	**99.80%**	**96.40%**	**98.90%**

	Transect				
Species	**LE-1**	**LE-2**	**LE-3**	**LE-4**	**LE-5**
Eriogonum fasciculatum	16.50%	8.70%	14.70%	20.20%	42.50%
Lepidospartum squamatum	12.70%	24.20%	11.30%	11.00%	2.60%
Artemisia californica	0.00%	0.16%	0.00%	0.00%	0.00%
Salvia mellifera	0.00%	0.00%	2.30%	0.00%	0.00%
Guiterrezia bracteata	0.00%	0.00%	0.00%	0.00%	2.60%
Opuntia littoralis	0.00%	2.50%	0.00%	0.00%	0.00%
Lotus scoparius	5.30%	0.00%	0.00%	1.80%	1.33%
Yucca whipplei	0.00%	0.00%	0.00%	0.00%	0.00%
Chrysopsis villosa	1.70%	0.00%	0.00%	0.00%	0.00%
Eriastrum densifolium ssp. elongatum	0.00%	3.00%	0.00%	0.00%	0.00%
Total Shrub Cover	**36.20%**	**38.56%**	**28.30%**	**33.00%**	**49.03%**
Annual Cover	9.00%	12.80%	8.60%	3.70%	5.00%
Litter	9.80%	6.80%	16.20%	9.20%	10.30%
Dead Wood	4.50%	1.30%	3.60%	6.20%	6.30%
Bare Ground	40.20%	40.00%	36.50%	34.50%	15.83%
Rock	0.00%	0.00%	4.00%	13.30%	13.50%
Total	**99.70%**	**99.46%**	**97.20%**	**99.90%**	**99.96%**

Relative Density Values CalMat Co., San Bernardino Plant
(Lytle Creek Site)

	Transect				
Species	**LW-1**	**LW-2**	**LW-3**	**LW-4**	**LW-5**
Eriogonum fasciculatum	75.00%	37.50%	25.00%	36.00%	45.50%
Lepidospartum squamatum	8.30%	50.00%	25.00%	48.00%	36.40%
Artemisia californica	0.00%	0.00%	0.00%	0.00%	0.00%
Salvia mellifera	0.00%	0.00%	0.00%	0.00%	0.00%
Guiterrezia bracteata	0.00%	12.50%	12.50%	0.00%	0.00%
Opuntia littoralis	16.70%	0.00%	0.00%	12.00%	0.00%
Lotus scoparius	0.00%	0.00%	25.00%	0.00%	18.20%
Yucca whipplei	0.00%	0.00%	0.00%	4.00%	0.00%
Chrysopsis villosa	0.00%	0.00%	0.00%	0.00%	0.00%
Eriastrum densifolium ssp. elongatum	0.00%	0.00%	0.00%	0.00%	0.00%

	Transect				
Species	**LE-1**	**LE-2**	**LE-3**	**LE-4**	**LE-5**
Eriogonum fasciculatum	42.90%	27.80%	57.10%	75.00%	70.60%
Lepidospartum squamatum	28.60%	33.30%	28.60%	16.70%	11.80%
Artemisia californica	0.00%	5.60%	0.00%	0.00%	0.00%
Salvia mellifera	0.00%	0.00%	14.30%	0.00%	0.00%
Guiterrezia bracteata	0.00%	0.00%	0.00%	0.00%	11.80%
Opuntia littoralis	0.00%	16.70%	0.00%	0.00%	0.00%
Lotus scoparius	14.30%	0.00%	0.00%	8.30%	5.90%
Yucca whipplei	0.00%	0.00%	0.00%	0.00%	0.00%
Chrysopsis villosa	14.30%	0.00%	0.00%	0.00%	0.00%
Eriastrum densifolium ssp. elongatum	0.00%	16.70%	0.00%	0.00%	0.00%

Cover Values for all Transects
CalMat Co., San Bernardino Plant
(Lytle Creek Site)

Species	Shrub Cover
Eriogonum fasciculatum	15.00%
Lepidospartum squamatum	14.15%
Artemisia californica	0.02%
Salvia mellifera	0.23%
Guiterrezia bracteata	0.81%
Opuntia littoralis	0.73%
Lotus scoparius	1.37%
Yucca whipplei	0.35%
Chrysopsis villosa	0.17%
Eriastrum densifolium ssp. elongatum	0.30%
Total Shrub Cover	**33.13%**

Average Relative Density for all Shrubs,
All Transects

Species	Average Relative Density
Eriogonum fasciculatum	49.24%
Lepidospartum squamatum	28.67%
Artemisia californica	0.56%
Salvia mellifera	1.43%
Guiterrezia bracteata	3.68%
Opuntia littoralis	4.54%
Lotus scoparius	7.17%
Yucca whipplei	0.40%
Chrysopsis villosa	1.43%
Eriastrum densifolium ssp. elongatum	1.67%

REVEGETATION PLAN AND MONITORING PROGRAM

CAJON CREEK PROJECT

November 1992

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INTRODUCTION

The CalMat Co. Cajon Creek project is located in the Cajon Wash in San Bernardino County. The Cajon Creek Concept Mining Plan includes approximately 606 acres proposed for aggregate mining and processing sites, 298 acres for industrial development, and 488 acres are planned as open space. CalMat Co. proposes to revegetate areas disturbed by mining activities. This report has been prepared to address the proposed revegetation at the Cajon Creek site.

The existing site vegetation consists of a Riversidian alluvial fan sage scrub which grades into more diverse and densely vegetated bench habitats. These bench areas tend to contain a graduation from sage scrub to mixed chaparral community. The Riversidian alluvial fan sage scrub is found in the in-stream areas of the site and the Riversidian sage scrub/mixed chaparral is found at slightly higher elevations and on benches. The mining activities will result in disturbance of these two types of vegetation. This plan shall accommodate the different types of Riversidian sage scrub vegetation by dividing the revegetation planting areas into appropriate zones. Plant species included in this revegetation plan are based on biological resources found on-site and as described by Tierra Madre Consultants, Biological Assessment, September 20, 1990. In addition, a general examination of the site and review of previous biological assessments was conducted by Dave Bramlet, Consulting Biologist, in February 1991.

OBJECTIVES OF REVEGETATION

The basic goal of this Revegetation Plan is to re-establish self sustaining native plant communities within the areas disturbed by mining. However, two separate objectives are identified because of the differences in the existing plant communities. The objectives for the in-stream portions of the revegetation are to restore Riversidian alluvial fan sage scrub and mixed chaparral habitat. The goal for the out-of-stream mined areas is to provide surface erosion control through revegetation of native plant species. Erosion of exposed soil surfaces shall be controlled in both areas by hydroseeding with fiber mulch, and soil stabilizer, and establishing a quick-growing native plant cover to retard the downward movement of soil. Habitat restoration for the in-stream areas shall be accomplished by replacing component plant species of Riversidian alluvial fan sage scrub and bench habitats to the extent practicable. This shall be implemented by planting annual, perennial, shrub, and tree species from seeds and container grown materials. The revegetation plantings are intended to provide the foundation for which natural successional patterns may develop into mature habitat.

The review of previous biological studies in the Cajon Creek area and examinations of the site provided the information which was used to determine the appropriate vegetation community types, and initial planting diversities and

densities for this plan. However, prior to determining the final planting and seeding densities and diversities, quantitative baseline measurements shall be collected from the two types of site vegetation. In addition, quantitative baseline measurements shall be collected yearly from reference areas to document current vegetation density, species abundance and diversity. These measurements shall used as the standards to determine success of the revegetation efforts in the in-stream mined areas. The areas are expected to ultimately achieve a vegetation cover similar to currently existing vegetation in the reference areas. Within the three to five year monitoring period a trend is expected to develop that can be evaluated to project if the revegetation plantings are progressing toward a mature reference habitat.

A 50% survival rate is expected for the container planted materials after two years. Since the container plant materials shall receive only minimal, establishment stage watering, it is anticipated that the container plants will suffer a high mortality rate, as high as 50%. To ensure that adequate numbers of container plants survive, the planting ratios in this plan were doubled. This is reflected in the total number of plants specified in Table 1. If only 50% of the original number of plants survive on-site this is considered sufficient for restoration of these species to the site. The 50% mortality rate is expected due to site variations such as soils, drainage patterns, and weed competition, that may not be apparent prior to planting. To further refine the actual plant quantities required per acre for the revegetation planting additional information will be collected on the mature phase of the Riversidian alluvial fan sage scrub to confirm that the quantities are sufficient. If needed, additional vegetation sampling will be performed.

The in-stream areas of the revegetation site are subject to natural periodic flood processes. After the revegetation planting is completed, CalMat Co. shall not be responsible for plant loss due to flooding in the in-stream areas. In addition, the percent cover and survival rates shall not apply when acts of God, such as fires occur.

REVEGETATION PLAN

Overview

Revegetation of the Cajon Creek site shall be implemented by using a combination of site preparations, planting activities and maintenance procedures. This revegetation plan addresses and defines the following components; description of planting zones, timing, soil preparation, weed control, planting and seeding materials and techniques, implementation monitoring, establishment maintenance, horticultural monitoring and biological monitoring.

The Objectives of Revegetation are the basis for the selection of the series of revegetation activities. The maintenance program is included in this document to define activities required to ensure plant establishment. The monitoring program shall evaluate the revegetation efforts, and be used to determine the success of the project.

To circumvent problems with species identification for seed collectors, native plant nurseries, landscape contractors and others involved with implementation of this project (who have not yet converted to the most recent taxonomic changes) the botanical names used in this report are consistent with Munz (1974), *A Flora of Southern California.*

Planting Zones

Due to the diversity of vegetation on-site two planting zones are defined in this plan. The Zones are divided by phase of community type to more closely approximate the existing plant communities.

Zone One

Zone One includes Planning Area P which is within the floodplain. After mining is completed it appears that much of Area P will be in slope and bench areas, above the normal surface flows, in contrast to large in-stream, wash areas currently found on-site. Therefore, the resulting wash and bench areas shall be planted with species found in the Riversidian alluvial fan sage scrub and bench habitats now present on-site. Revegetation planting in this Zone shall consist of hydroseeding two different seedmixes (a wash and bench seedmix) and container plantings (in the slope and bench areas) to develop a diverse community that includes sage scrub species and mixed chaparral species.

Zone Two

Zone Two includes Planning Areas D, F, I,L, M and N, these areas are out of the floodplain and the existing vegetation is Riversidian sage scrub. Revegetation plantings in this Zone shall consist of hydroseeding with one seedmix that is composed of Riversidian sage scrub species to provide erosion control.

Timing

In general, all hydroseeding and handplanting in both Zones shall be performed and completed between November 30 and January 30. However, due to yearly variations in weather patterns the planting may be performed earlier or later than these dates if conditions are more favorable. The revegetation monitor shall be responsible for monitoring weather patterns and determining the best time for planting. All efforts shall be made to plant during the time when beneficial temperatures and soil moisture will promote germination, establishment and growth of seeds and container plants.

Container plants in Zone One shall be installed prior to hydroseeding. Hydroseeding should occur after the first substantial rainfall of the season. A schedule of implementation activities is provided at the end of this section to define the plant and seed procurement, order of work, and responsible parties.

Site Collected Propagules

Research has established that plant materials genetically adapted to the particular environmental conditions of a project site are critical to the success of revegetation. Container plant propagules and seeds for hydroseeding shall be collected from the site or from nearby sites to ensure success of the revegetation planting. Propagule collection sites shall have similar characteristics, such as elevation, slope, aspect and soil type, as the revegetation site to ensure genetically adapted source materials. Site-specific propagule and seed collections shall begin two years in advance of installation to ensure availability of adequate quantities of plants and seed for revegetation planting. The preliminary seed collections of species for hydroseeding shall be tested to determine the purity and germination rates of the materials collected. The final seedmix species and application rates to be used for hydroseeding shall be determined based on the actual quantity and quality of the seed materials collected.

Seed Collections for Hydroseeding

Collection of seed materials required for revegetation hydroseeding shall be collected in the following manner:

1. Seeds shall be collected by a commercial seed collector/supplier with experience in site specific, native seed collections.

2. Seed collections are usually performed between March and November, although, because each species may have different seed ripening times, seeds may be collected year-round. Approximately three to five seed collection events would occur during the year to obtain sufficient species diversity and quantities.

3. To ensure natural genetic variability and protection of donor plants, a minimum of five distinct areas, located at least 1/4 mile apart, shall be used for seed collection of each species. The seed collector shall obtain similar amounts of seed from each collection site. Collection areas and approximate quantities obtained from each site shall be noted and mapped by the seed collector. Seeds shall be collected so that donor plants are not degraded by the collection methods.

4. Each day's collections shall be removed from site and stored in a cool dry place free of rodents.

5. Seeds shall be cleaned to a grade normally acceptable in the seed trade, with all sticks and large plant parts removed.

6. After cleaning, seeds shall be stored by the seed supplier in a cool dry place free of rodents until needed for revegetation planting.

7. Seed collections, handling and storage techniques shall be overseen by the revegetation monitor.

8. Seed shall be tested for percent purity, percent germination, number of pure live seeds per pound and weed seed content. Seed testing shall be the responsibility of the seed supplier. Results of the seed tests shall be made available to the revegetation monitor prior to finalization of the seedmix.

Propagule Collections for Container Plants

Collection of propagation materials for growing of container plants required for revegetation shall be performed in the following manner:

1. Seeds and cuttings for propagation of container plant materials shall be collected by a native plant nursery with experience in site specific, native plant propagation.

2. Propagation materials shall be collected during the best time for optimal success. Propagule collections of different species may be performed during any time of year, as needed, to obtain sufficient species diversity and quantities.

3. To ensure natural genetic variability and protection of donor plants, a minimum of five distinct areas shall be used for collections of the same species. The collector shall attempt to obtain similar amounts of propagules from each collection site. Collection areas, propagules types and approximate quantities obtained from each site shall be noted and mapped by the collector. Propagule collections shall be conducted so that donor plants are not degraded by the collection methods.

4. After collection the propagules shall be immediately transported to the nursery facility for propagation. Propagation techniques used shall be appropriate for the propagule and species type.

5. Propagation and growing techniques used shall be those that ensure optimum health and vigor of the plants. A variety of horticultural methods may be used depending on the requirements of each species.

6. Ultimately, plants shall be grown into "deep one gallon" size containers (4" x 13.5"). Rooted cuttings and seedlings shall be moved into the

deep gallon size containers at the appropriate time to ensure that planting schedules are met.

7. Prior to delivery, the root system of the plants shall be inspected by the revegetation monitor to ensure that roots are straight and well established, plants with coiled roots shall not be accepted.

8. Propagule collections, handling, and growing techniques shall be overseen by the revegetation monitor.

Weed Control

The predominance of exotic, invasive weed species throughout California has presented a formidable challenge to most revegetation projects. Weed species are opportunistic and have mechanisms for dispersal and establishment that can eventually lead to displacement of native species. On the Cajon Creek site the potential problem weed species will not be known until after mining is completed. To ensure that weed species competition is controlled the site shall be inspected prior to revegetation implementation by the revegetation monitor. The monitor shall determine the most effective treatments for control of invasive species. If weed control activities are necessary they will likely include using a combination of treatments such as herbicide application, hand removal and soil solarization. All weed control activities shall be observed by the revegetation monitor. The monitor shall instruct the weed eradication personnel in identification of native and weed species.

Herbicide Application

A systemic herbicide shall be applied to exotic plants and noxious weeds, that may resprout from underground roots or rhizomes, therefore, requiring root kill. Species likely to occur on-site which will require herbicide treatment are; giant reed (*Arundo donax*), castor bean (*Ricinus communis)* and tree tobacco (*Nicotiana glauca).* The targeted vegetation will be sprayed with a herbicide such as glyphosate (trade name Roundup). The herbicide treatments shall employ conservative application methods, such as spot spraying or painting. Extreme care shall be exercised to ensure that herbicides shall be used properly and only when necessary. The actual type and amount of herbicide to be used shall be based on recommendations by a licensed pest control advisor and product labels. Herbicides will be applied prior to the revegetation implementation.

Hand Removal

Just prior to the revegetation planting the site shall be reviewed by the revegetation monitor to determine if any additional weed control will be required. If weeds are present on-site, then the weeds shall be removed by manual methods. Hand removal shall employ the use of tools, hand pulling and possibly weed whipping.

Soil Solarization

Soil solarization is a nonchemical technique used to control many weeds, soilborne pathogens and pests. This technique captures radiant heat energy from the sun, thereby causing physical, chemical, and biological changes in the soil. At Cajon Creek this weed control treatment will be most practical and effective for large stands of weeds where the soil surface and gradient are suitable. Transparent polyethylene plastic is placed on moist soil during the hot summer months to increase soil temperatures. In general, for warm inland areas, two to four weeks of hot weather are required to reach the soil temperatures needed for effective soil solarization. As the plastic lays on the soil surface temperatures rise to levels lethal to many weed seeds, soilborne plant pathogens, and seedlings, nematodes, and some soil-residing mites.

The main benefit of using soil solarization will be effective weed control without the use of soil fumigants. Soil fumigants used for pest control are often undesirable due to unfavorable effects on animals or humans, resulting toxic plant and soil residues, complexity of treatments, and high cost. Seed and seedlings of many annual and perennial weeds have been effectively controlled with soil solarization in farming applications. Some weed species are very sensitive to solarization, others are moderately resistant. Control of winter weed species is often evident for more than one year after treatment. Winter annual grasses seem to be especially sensitive to solarization.

Soil Preparation

The objectives of the soil preparation are to loosen the soil surface before planting of container grown plant materials and to prepare a seedbed for the hydroseeding. After the final grade has been established and just prior to planting and seeding the soil surface shall be prepared. In areas where access is possible the planting areas shall be cross ripped. The soil shall be ripped to a depth of 10" to 12" and ripping shall be performed in two directions. The first pass shall be contrary to the contour and the second pass with the contour. On steep slopes, where cross ripping is not feasible, the soil surface shall be either track walked vertically or rolled with a sheep's foot roller to create a rough surface. All soil surfaces shall be left in as rough a condition as possible. The intent is to create small cracks, crevices and "micro-habitats" for the seeds to lodge and to improve water infiltration/retention which will reduce erosion. Care shall be taken during the container plantings to minimize soil compaction. Should any areas become compacted or eroded prior to hydroseeding re-roughening of the soil surface shall be required.

Prior to container planting and hydroseeding, the final contours, hydrology and soils composition of the revegetation areas shall be reviewed by the revegetation monitor to determine the best locations for the wash and bench plantings and to make any necessary modifications in the plan. Particular

attention shall be given to the placement and spatial pattern lay-out of the container plant materials in Zone One to ensure success of the container plantings.

Container Planting Procedures

Container grown revegetation plant materials shall be propagated from either seeds or cuttings taken from the site or nearby sites with similar characteristics as the revegetation site. Collection and propagation of seeds and cuttings shall occur approximately one to two years prior to on-site planting depending on the growth requirements for each species. All container materials shall be grown in "deep one gallon" size. Plants shall be well rooted in containers but not root bound.

To provide beneficial soil conditions for plant roots to develop deep root systems, planting holes shall be augered (where possible), with a 12" power auger, to a depth of three feet or more. The augered hole shall be backfilled with native soil excluding large stones. Augered hole depressions shall be filled with water twice to create a moisture reserve in the soil.

Plants shall be placed in the pre-moistened, augered holes with the root crown one to two inches above surrounding grade. Native soil shall be gently tamped in around each plant and a basin built around each plant approximately two feet wide. Basins shall be filled with water, allowed to drain and watering repeated. Because only minimal irrigation shall be provided after planting, the moisture applied and stored during the planting procedures is important in reducing plant mortality rates.

Water shall be provided to container plants only. Watering shall be supplied during the initial installation and subsequent establishment period. Water shall be applied to the plant watering basins with a hose, using a water truck or temporary on-site tank as a source of water.

Drip or overhead irrigation is not recommended for this site. Drip irrigation systems are frequently damaged by rodents and other mammals, rendering the systems unreliable. Overhead irrigation encourages weed growth and discourages growth of beneficial mycorrhizal fungi in the soil. Native plants will more readily adapt to site conditions with only rainfall as a source of moisture. Ultimately, natural species densities and diversities shall be better attained if only temporary watering is supplied to container plant materials during installation and the establishment period.

Fertilizer shall not be added to the soil during planting of container materials. As with irrigation, fertilization of revegetation sites often result in increased weed growth, imbalances in soil organisms and the likelihood of increased insect problems.

The spatial pattern lay-out of plant materials shall be based on baseline data densities and diversities. The revegetation monitor and/or project biologist shall oversee the container planting lay-out.

Table 1. Zone One Container Plant Materials

SPECIES	PLANTS PER ACRE	APPROXIMATE SPACING
Fraxinus velutina Arizona ash	18	20'
Quercus chrysolepis canyon oak	6	50'
Juglans californica California walnut	18	20'
Cercocarpus betuloides mountain mahogany	25	15'
Prunus ilicifolia holly leaf cherry	20	15'
Rhus ovata sugar bush	15	15'
Ceanothus crassifolius thick leaved lilac	10	15'
TOTAL	112	

Seed Prescription and Hydroseeding

Two different seedmixes shall be planted in the Zone One revegetation area using hydroseeding. Zone Two shall be hydroseeded with one seedmix. The preliminary lists of seed species were compiled through review of previous biological assessments and from on-site observations in spring 1991. Prior to finalization of the species list baseline data shall be collected from existing vegetation. This data shall be used in part as a guide for determining the final density and diversity of seed species to be planted.

To achieve the ultimate "best" cover a combination of shrub, forb and annual species are included in the seedmixes. The annual and forb species provide soil stabilization and protection for slower germinating, later successional shrubs. The target ratio of forbs and annuals to shrubs will provide adequate soil stabilization and ground cover during the establishment of the native shrubs. The natural succession of the sage scrub community begins with a predominance of annual and forb species, eventually converting to a dominant shrub cover.

The initial seedmix application rates listed below define a minimum to maximum amount of each species that shall be seeded. These application rates are based in part on average seed counts, quality, success rates and amounts that are normally available for collection. Just prior to hydroseeding the revegetation monitor shall determine the final species type and application rates based on the amount and quality of the seeds collected. Detailed information of the type and amount of seed planted shall be recorded.

All seeds, of only native species, shall be collected from the site or nearby sites with similar characteristics as the revegetation sites. To ensure adequate quantities of appropriate species, a seed collection contract shall be initiated by CalMat Co. with a native seed supplier two years in advance of revegetation implementation. Seed collections shall be overseen by the revegetation monitor throughout the collection period.

To reduce potential erosion problems on-site hydroseeding is favored over broadcast seeding. Hydroseeding shall consist of a hydraulic application of a homogeneous slurry mixture consisting of water, organic soil stabilizer, cellulose wood fiber and seed. Fertilizer is not included as an additive to the slurry since native plants have very low nutrient requirements and application of fertilizer encourages the establishment of non-native, weedy species. Hydroseeding shall be performed only at times when winds are calm. The slurry shall be mixed in the hydroseeders tank just prior to the hydroseed application and shall not be allowed to remain in the tank for more than one hour before application. The following materials shall be applied in a one step hydroseed operation:

2,000 LBS/AC Virgin Cellulose Wood Fiber
160 LBS/AC Organic Soil Stabilizer
Seedmixes as listed below

Table 4. Zone Two Seedmix

Minimum/Maximum Pounds per Acre	Species
1.0 - 2.0	*Artemisia californica*, California sagebrush
2.0 - 4.0	*Adenostoma fasciculatum*, chamise
8.0 - 12.0	*Eriogonum fasciculatum*, flattopped buckwheat
3.0 - 5.0	*Lepidospartum squamatum*, scalebroom
1.0 - 2.0	*Salvia mellifera*, black sage
0.25 - 0.5	*Chrysopsis villosa*, golden aster
1.0 - 2.0	*Eriogonum gracile* (E. *davidsonii*), slender buckwheat
0.25 - 0.5	*Croton californicus*, California croton
0.5 - 1.5	*Cercocarpus betuloides* , mountain mahogany
0.5 - 1.0	*Gnaphalium californicum*, California everlasting
0.5 - 1.5	*Penstemon spectablis*, showy penstemon
4.0 - 8.0	*Lotus scoparius*, deerweed
0.5 - 2.0	*Salvia columbariae*, chia
1.0 - 2.0	*Salvia apiana*, white sage
0.25 - 1.0	*Phacelia ramosissima*, branching phacelia
1.0 - 2.0	*Rhamnus crocea*, red berry
0.25 - 0.5	*Senecio douglasii*, butterweed
1.0 - 2.0	*Stipa coronata*, giant stipa
1.0 - 2.0	*Yucca whipplei*, chaparral yucca

Implementation Schedule

A site inspection shall be conducted by the revegetation monitor, CalMat Co. and the landscape contractor, prior to initiation of the revegetation implementation to determine if site conditions are suitable for revegetation plantings. The existence of potentially deleterious site conditions that may have a negative effect on the revegetation plantings shall be corrected where feasible. The following tasks shall be performed in the order listed to ensure that the revegetation materials are available when needed and that the installation work is completed in the time required.

- Seed shall be ordered from a native seed supplier two years prior to planting to ensure adequate time for seed collections. Seeds shall be held by the supplier until time of planting.

- Container plants shall be ordered by CalMat Co. and contract grown by a native plant nursery. Plants shall be held at the nursery until time of planting.

- CalMat Co. shall solicit bids from contractors to perform the work described herein and a contract for work awarded.

- Invasive weed species shall be removed from the site by the contractor or CalMat Co.

- Soil preparation shall be performed by the contractor or CalMat Co.

- Lay-out for container plantings and hydroseeding shall be performed by the revegetation monitor and/or the project biologist.

- Augering of planting holes and installation of container plants shall be performed by the contractor or CalMat Co.

- Watering-in of the container plant materials shall be performed by the contractor or CalMat Co.

- Hydroseeding shall be performed by the contractor or CalMat Co.

- Establishment maintenance procedures shall begin at completion of plantings and be performed by the contractor or CalMat Co.

- A report documenting the revegetation implementation activities shall be prepared by the revegetation monitor.

Table 2. Zone One Seedmix - Wash Areas

Minimum/Maximum Pounds per Acre	Species
0.5 - 1.5	*Artemisia californica*, California sagebrush
0.5 - 1.0	*Baccharis glutinosa*, mulefat
8.0 - 12	*Eriogonum fasciculatum*, flattopped buckwheat
0.5 - 2.0	*Eriodictyon trichocalyx*, hairy yerba santa
2.0 - 4.0	*Lepidospartum squamatum*, scalebroom
0.5 - 1.0	*Salvia mellifera*, black sage
0.25 - 0.5	*Chrysopsis villosa*, golden aster
1.0 - 2.0	*Eriastrum densifolium*, woolly star
1.0 - 2.0	*Eriogonum gracile* (E. *davidsonii*), slender buckwheat
1.0 - 2.0	*Eriogonum thurberi*, Thurber's buckwheat
0.5 - 1.5	*Cercocarpus betuloides*, mountain mahogany
0.5 - 1.0	*Gnaphalium californicum*, California everlasting
0.25 - 1.0	*Gutierrezia bracteata*, matchweed
4.0 - 8.0	*Lotus scoparius*, deerweed
0.5 - 1.5	*Salvia apiana*, white sage
0.25 - 0.75	*Phacelia ramosissima*, branching phacelia
1.0 - 2.0	*Rhamnus crocea*, red berry
0.25 - 0.5	*Senecio douglasii*, butterweed
1.0 - 2.0	*Stipa coronata*, giant stipa
1.0 - 2.0	*Yucca whipplei*, chaparral yucca

Table 3. Zone One Seedmix - Slope and Bench Areas

Minimum/Maximum Pounds per Acre	Species
0.5 - 1.5	*Artemisia californica*, California sagebrush
2.0 - 4.0	*Adenostoma fasciculatum*, chamise
0.5 - 1.0	*Baccharis glutinosa*, mulefat
8.0 - 12.0	*Eriogonum fasciculatum*, flattopped buckwheat
0.5 - 2.0	*Eriodictyon trichocalyx* , hairy yerba santa
2.0 - 4.0	*Lepidospartum squamatum*, scalebroom
0.5 - 1.0	*Salvia mellifera*, black sage
0.25 - 0.5	*Chrysopsis villosa*, golden aster
1.0 - 2.0	*Elymus condensatus*, giant wildrye
1.0 - 2.0	*Eriogonum gracile* (E. *davidsonii*), slender buckwheat
0.25 - 0.5	*Croton californicus*, California croton
0.5 - 1.5	*Cercocarpus betuloides* , mountain mahogany
0.5 - 1.0	*Gnaphalium californicum*, California everlasting
0.5 - 1.5	*Penstemon spectablis*, showy penstemon
4.0 - 8.0	*Lotus scoparius*, deerweed
0.5 - 2.0	*Salvia columbariae*, chia
0.5 - 1.5	*Salvia apiana*, white sage
0.25 - 0.75	*Phacelia ramosissima*, branching phacelia
1.0 - 2.0	*Rhamnus crocea*, red berry
0.25 - 0.5	*Senecio douglasii*, butterweed
1.0 - 2.0	*Stipa coronata*, giant stipa
1.0 - 2.0	*Yucca whipplei*, chaparral yucca

Implementation Monitoring

To ensure that the revegetation plan is followed, all implementation activities shall be monitored and recorded by a revegetation monitor. The monitor shall be available, on-site, during revegetation implementation to assist in making necessary modifications to the revegetation plan so that work may proceed. Records shall be kept of the initial plantings with details to include dates of weed control treatments, dates of planting and planting locations of container materials and seeds. Any significant problems encountered or necessary changes made to the plan during the implementation activities shall also be recorded to create an as-built plan. The as-built plan shall be included in the first annual monitoring report.

REVEGETATION MAINTENANCE AND MONITORING PROGRAM

The objective of the maintenance program is to ensure successful establishment of the revegetation planting. The intent of the monitoring program is to ensure native plant establishment and to document the monitoring and maintenance efforts. Two separate types of monitoring shall occur; horticultural monitoring and biological monitoring. Horticultural monitoring shall be performed to evaluate plant health and particularly, to identify and correct problem areas. Biological monitoring shall measure development of the revegetation planting and is the focus by which the project success shall be judged.

Revegetation Monitor

A revegetation monitor shall monitor the implementation and establishment maintenance of the revegetation planting. At a minimum the revegetation monitor shall have demonstrated expertise in revegetation ecology and have at least three years experience in revegetation design and implementation, including revegetation experience in sage scrub habitats.

The revegetation monitor shall oversee all phases of revegetation implementation and establishment maintenance. The monitor shall have the authority to stop work or request change orders as necessary. In addition, the revegetation monitor shall conduct the horticultural and biological monitoring programs and prepare reports documenting the revegetation program for submittal to reviewing agencies.

Establishment Maintenance

Maintenance during establishment of the revegetation plantings shall be provided to ensure revegetation success. The establishment maintenance period shall begin immediately upon completion of installation and shall

continue for three years, if needed. The establishment maintenance program will ensure that watering of container plants, weed control, replanting/reseeding, and erosion control are performed adequately. Watering of container plants shall occur at the time of planting and be continued only as needed to ensure establishment. The biological window for replanting or seeding is during the fall or winter months when optimal soil moisture and temperatures occur. Other maintenance measures may be necessary and shall be conducted as prescribed by the revegetation monitor. Weed control can be anticipated to occur throughout the establishment maintenance period, however, other maintenance measures, such as erosion control and replanting/reseeding may not be necessary. Maintenance of the revegetation areas shall be performed by a landscape/revegetation contractor and/or CalMat Co. CalMat Co. shall fund the establishment maintenance activities.

Watering

Water shall be provided to container plants only. Watering shall be supplied during the initial installation and establishment period. The frequency of water applications shall be determined by the restoration monitor based on weather patterns and soil moisture levels. In general, during the first three to nine months after planting, water shall be applied at two to six week intervals, except during rain events. The applications of water shall be done in a manner that ensures deep penetration of water to the soils around the plant root balls. Water shall be applied to the plant watering basins with a hose, using a water truck or temporary on-site tank as a source of water. Plant basins shall be inspected and repaired as needed prior to each watering.

Weed Control

Exotic plants or weeds compete with desired native plants for space, soil moisture, nutrients and sunlight. Weed control activities can be anticipated to occur on-site throughout the establishment maintenance period, with the most intensive efforts required within the first two years during the spring and early summer months.

Weeds shall be removed through chemical or manual techniques on a regular basis to ensure successful establishment of the native plants. Weeds shall be killed or removed before they set seed. All seed heads from noxious weeds shall be removed at the time of herbicide application by bagging seed heads and disposing of off-site.

A systemic herbicide shall be applied to exotic plants and noxious weeds that require root kill such as giant reed (*Arundo donax*), castor bean (*Ricinus communis)* and tree tobacco (*Nicotiana glauca).* The targeted vegetation shall be sprayed with a herbicide such as Roundup. Roundup is recommended only where it is the most effective method to control the noxious weed species. The actual type and amount of herbicide to be used shall be based on recommendations by a licensed pest control advisor. Other weeds present on-

site not requiring root kill shall be removed by manual methods. Hand removal shall employ the use of hand tools and hand pulling.

Horticultural Monitoring

Horticultural monitoring shall be performed to evaluate plant health and to identify and correct problem areas. It is a subjective process and relies on the environmental horticultural expertise of the revegetation monitor. Although establishment maintenance may be the responsibility of a landscape contractor, supervision by a trained professional is necessary to aid the contractor in making ecologically based decisions.

The revegetation monitor shall visit the revegetation site on a regular schedule during the establishment period to evaluate growth and vigor of the revegetation plantings. The monitor shall provide specific recommendations regarding: watering, weed control, replanting/reseeding, and erosion control. The revegetation monitor shall judge the frequency of site visits required based on climatic and site conditions. In general, the number of site visits during the first year will range from one to three visits per month. When the revegetation planting is establishing as expected and maintenance is adequate, the site visits will be limited to the fall and spring.

The revegetation monitor shall communicate all concerns and recommendations to CalMat Co. and the maintenance contractor. If replanting or reseeding is required it will be scheduled to occur during the fall or winter. Other maintenance and remedial actions will be scheduled as soon as is feasible. Maintenance recommendations and remedial actions shall be documented in a monitoring report submitted for that year. In addition, the horticultural monitoring report shall include: summary of maintenance activities, site observations, recommendations and a schedule for remedial actions, documented completion of remedial actions and photo documentation. A general discussion of observations made about performance of container and seeded species, mortality of container plants, variation in seedling establishment, pests, weeds, and the significance of plant volunteerism will be included. Lastly, site observations will include whether or not: 1) the revegetation site does not require significant maintenance measures (planting of seeds or containers, watering, weed control and erosion repairs) during the last two years of the establishment maintenance period and 2) evidence of natural recruitment in native species has been noted by the revegetation monitor.

Biological Monitoring

In contrast to the horticultural monitoring, the biological monitoring program quantifies development of the habitat. The purpose of the monitoring program should strive to determine if the revegetation areas demonstrate a trend of development toward a mature reference habitat within the monitoring period.

Baseline data shall be collected from an adjacent sage scrub area that shall serve as a comparison to data collected from the revegetation site. The revegetation site will also be monitored to detect and evaluate trends in vegetation change, and to determine if the vegetation is approaching the reference site. Monitoring shall be performed to document that the revegetation areas achieve the success standards of vegetative cover similar to those described in the baseline (reference area) measurements.

Baseline Data Collection and Analysis

The objectives in collecting and analyzing baseline area data are to: quantitatively describe the vegetation of a reference area of undisturbed habitat, account for variation in the habitat and attempt to identify the sources of variation, provide a species list for development of a locally-derived plant palette, objectively identify performance standards by which the revegetation efforts shall be judged, and determine a statistically meaningful analysis of the revegetation monitoring program.

Baseline data shall be collected in areas that are representative of undisturbed habitats in the vicinity of the revegetation site. The revegetation and reference areas shall be similar in elevation, slope, aspect, and soil type. Sampling shall be done in spring to ensure the best representation of species diversity. Because yearly climatic variation strongly affects plant diversity, a new baseline data set will be collected each spring. Several line transects with randomly-placed quadrats (one meter squared) shall be used to estimate abundance for every plant species. The data will also be used to determine species diversity (richness) and habitat structure characteristics of the community (shrub height and spatial pattern). Estimates of litter, dead wood, bare ground and rock cover will be included. In addition, the baseline data shall describe the physical attributes of the landscape, such as topography and soils characteristics. The number of transects and quadrats shall be evaluated to assure acceptable variance in the sampling to ensure statistical confidence. The final number of transects and quadrats required to obtain an 80% confidence level will be determined after the initial baseline data collections and the data reductions have been performed.

Species abundance measures shall be expressed as density (average number of individuals per unit area), percent cover (average aerial coverage), and frequency (average number of individuals per sampling unit) for each species, and for sub-groups. By pooling abundance data, various sub-groups can be compared, such as native versus exotic species and shrubs versus herbs. Similarly, diversity can be expressed as total species or number of species in the different sub-groups.

Analysis of the baseline data will serve not only to identify the specific factors that define the habitat, but also the variation existing within the habitat. The sources of variation shall be identified, such as topography (elevation, slope,

aspect), and soil conditions. Quantitative data of natural variation permits the establishment of evaluation criteria that accounts for the sources of variation.

Revegetation Site Data Collection and Analysis

The performance of the revegetation site shall be compared with the reference area using the baseline data. Natural recruitment and natural succession patterns are both important factors in sage scrub habitats. Traditionally, performance standards erroneously emphasize survival of the planted individuals by monitoring mortality, while ignoring natural regeneration. Therefore, the revegetation monitoring program shall document the development of the habitat by measuring plant growth, and natural regeneration.

The revegetation areas shall be monitored annually for a minimum period of three years and a maximum period of five years. If vegetative cover, similar to that in the baseline data collection areas, is present at the end of three years then no further monitoring would be required. Annual data collection shall take place in late spring when the maximum number of species are likely to be present and identifiable. Data collection shall occur the same month of each year to control seasonal variation in plant cover.

The statistical analysis of the baseline data shall determine the sampling intensity necessary in the revegetation area to obtain an acceptable level of error during monitoring. Estimates of error will guide how many transects are required, how much area needs to be sampled, and where the sampling will be located to isolate sources of variance. Line transects shall be permanently marked at beginning and ending points to help relocating them. Randomly placed quadrats will be located along each line transect.

Because the age difference between the revegetation area and the reference area is expected to be significant, full maturation of the Riversidian sage scrub will not be achieved by the end of the monitoring period. Therefore, the performance standards for habitat development of the revegetated areas will be met in part by a statistical demonstration that the vegetation is trending toward composition and structure of the reference areas. Matrix projections, a method of predicting future community structure based on an algebraic model, will be used to detect trends. Empirical data collected during the monitoring will be used to drive the model. The monitoring data will be analyzed for changes, or trends, in individual species abundances. Year-to-year changes in cover (or other variables) can be compared to determine whether the revegetated area is approaching habitat characteristics of the mature reference area. This will be coupled with analysis of the species diversity, ratio of native to exotic species, and ratio of shrub to understory herbaceous species to provide an overall indication of habitat development.

The container planted materials shall be monitored annually to determine if a 50% survival rate is maintained over the monitoring period. If the stated

objectives of revegetation are not met within the three year monitoring period, remediation through further revegetation efforts may be required.

Photo Documentation

Permanent photographic stations will be established and marked for repeatability. Color photographs or slides documenting changes in the structure and composition of the establishing vegetation shall be included in an annual report. In addition, color photographs or slides shall be taken to document the structure and composition of the reference area.

Annual Report

An annual monitoring report shall incorporate the horticultural and biological monitoring observations for that year. The biological monitoring section shall include: survey methods, data summary and analysis, comparison to baseline data, recommendations and photo documentation. Each annual report shall relate findings of the current year to those in previous years.

The annual report shall be submitted for review to the City of San Bernardino, the lead agency. At the end of the three year monitoring period the reviewing agencies shall determine if the revegetation site meets the stated objectives, if additional years of monitoring are required, or if remediation through further revegetation is required.

DECEMBER 22, 1992

PROJECT #: 92-013



SUBSURFACE STUDY

SAND AND GRAVEL QUARRY
AND INACTIVE LANDFILL
20500 HIGHLAND AVENUE
SAN BERNARDINO, CALIFORNIA

PREPARED FOR

CALMAT PROPERTIES COMPANY
3200 SAN FERNANDO ROAD
LOS ANGELES, CA 90065

ATTENTION: MR. DOUGLAS W. SPRAGUE

PREPARED BY:

TOXIC TECHNOLOGY, INC.
3197-C AIRPORT LOOP DRIVE
COSTA MESA, CA 92626
714/668-1669

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CHAIN OF CUSTODY

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TTI Toxic Technology, Inc.
3197-C Airport Loop Drive • Costa Mesa, California 92626 • (714) 668-1669 • FAX (714) 668-1106

December 22, 1992

CalMat Properties Company
3200 San Fernando Road
Los Angeles, CA 90065

Attention: Mr. Douglas W. Sprague
Manager
Reclamation and Special Projects

Subject: Sand and Gravel Quarry and Inactive Landfill
20500 Highland Avenue
San Bernardino, California

Project #: 92-013

INTRODUCTION:

On October 1 and 2, 1992, personnel from Toxic Technology, Inc. (TTI) completed a subsurface study in accordance with the outline given in our April 1, 1992, workplan. This workplan was addressed to the California Regional Water Quality Control Board (RWQCB), Santa Ana Region. The plan called for drilling four (4) hollow stem auger borings taken to a depth of twenty feet (20') below the landfill material to a maximum of seventy feet (70'). Sampling was to be performed at five foot (5') intervals and the borings were to be completed as monitoring wells. These tasks were performed in accordance with the workplan and are reported herein.

In addition to the workplan sited above, reference material used for the completion of this study included a draft entitled, "Investigation of Inactive Landfill at CalMat, San Bernardino" published in December, 1990, by AeroVironment, Inc., of Monrovia, California. Additional general information was obtained from Open File Report 86-562 published by the United States Department of the Interior, U.S. Geological Survey entitled "Liquefaction Susceptibility in the San Bernardino Valley and Vicinity, Southern California: A Preliminary Evaluation" by J.C. Matti and S.E. Carson.

EXECUTIVE SUMMARY:

Four (4) hollow stem auger borings were drilled through the landfill and into natural ground during the course of our study of the subject property. Samples were taken within the landfill mass as well as within the native ground beneath the landfill. These samples were tested for volatile organics, semi-volatile organics, dioxins, metals, Total Recoverable Petroleum Hydrocarbons (TRPH), organochlorine pesticides and asbestos containing materials (ACMs). All tests showed non-detect (ND) or below action levels (BAL), except for the TRPH which detects organic carbon.

Based upon our findings and the laboratory test results, the landfill is not considered to be hazardous under current regulations. Therefore, we have recommended that the site be granted clean closure.

SOIL BORING AND SAMPLING PROCEDURES:

The four (4) borings were completed in three (3) days beginning September 30, 1992, and ending October 2, 1992. Three of the holes were taken to a depth of forty feet (40') and one to seventy feet (70') utilizing a drill rig equipped with three and three quarter inch (3.75") I.D. hollow stem augers. The borings were subsequently converted to vadose zone monitoring wells. During the drilling, TTI classified the subsurface soils and logged each of the borings. The boring logs are shown in Appendix A.

Samples were collected from an eighteen inch (18") split spoon sampler at five foot (5') intervals. Six inch (6") brass tubes were contained within the sampler and the material was collected in the brass tubes by driving the spoon into the soil to be collected. Blow counts for each six inch (6") interval are also indicated on the boring logs.

The brass tubes were sealed with aluminum foil and plastic caps, placed in ice filled containers, and shipped to Q Laboratories, Inc., located at 4129 East La Palma Avenue, Anaheim, California, 92807 for analyses. Chain of Custody documentation is attached. Cuttings from each of the borings were routinely scanned utilizing a Foxboro Century Model 128 Organic Vapor Analyzer (OVA). No vapors were detected in any of the cuttings.

To minimize the potential for cross contamination, the casing and associated equipment were steam cleaned prior to drilling of the subject borings. The California modified sampling equipment was cleaned with a detergent solution (Trisodium Phosphate) and a distilled water rinse prior to the collection of each soil sample for laboratory analyses. Upon retrieval, the core barrel was opened and a field screening soil vapor analysis was performed.

VADOSE MONITORING WELL CONSTRUCTION:

The four (4) borings that were logged in the field were converted to vadose zone monitoring wells. The monitoring wells were completed by utilizing two inch (2") diameter, threaded, flush joint PVC casing (Schedule 40). All well casings were steam cleaned prior to installation. A "Typical Construction" diagram is presented in Appendix A.

The vadose monitoring wells were installed by inserting two inch (2") PVC casing (both solid and screened) into the hollow portion of the external augers. The augers were then slowly withdrawn as coarse Number 3 Monterey sand filter pack was placed around the screened and blank PVC casing to a level of three feet (3') below grade. Bentonite cement grout was then placed and slurried in around the casing and over the Monterey sand to one foot (1') below grade. The upper one foot (1') of the well annulus was filled with neat cement grout to grade. A traffic rated, water tight valve coverbox was installed in each well in accordance with the guidelines outlined by the State of California Water Resources Control Board.

REGIONAL GEOLOGY:

The property explored is within undisected to slightly disected Recent alluvial deposits composed of detritus washed from the nearby San Gabriel Mountains from Cajon Canyon. The buried trace of the San Jacinto Fault has been mapped at less than one half mile west of the subject property.

Groundwater contours indicate that the water table was approximately thirty feet (30') below the unaltered ground surface as of the date of publication of U.S.G.S. Open File Report 86-562. However, in boring #1, over forty feet (40') of natural material was penetrated and although there was some moist material, no groundwater was encountered. This could be the effect of the current drought conditions in Southern California, or it could mean that there has been some modification of the groundwater table since the publication of the map.

In further reference of the U.S.G.S. publication listed above, liquefaction resulting from an earthquake of a magnitude 6.75 or greater on the Cucamonga Fault, 7.0 on the San Jacinto Fault, 8.0 on the San Andreas Fault, concludes that liquefaction is, at worst, of moderate potential in the area of the subject property. It should be noted that this conclusion is based upon the shallower groundwater mapped in the U.S.G.S. study and may not be applicable to the conditions noted during our investigation.

LABORATORY TESTING AND RESULTS:

Samples were taken within the landfill materials at five foot (5') intervals. Each sample was analyzed in the field using an Organic Vapor Analyzer (OVA) and collected as described above. The results of the tests that were taken on the samples appear graphically in the attached boring logs. Our tests were performed at Q Laboratory, a Department of Health Services (DOHS) approved laboratory. Q Laboratories' documentation showing the results of their tests and chain of custody can be found in Appendix B.

The samples were analyzed using the following EPA Test Methods:

* EPA Test Method 8240 (ppb)
  Volatile Organics

* EPA Test Method 8270 (ppb)
  Semi Volatile Organics

* EPA Test Method 8280 (ppm)
  Dioxins

* EPA Test Method 7000 Series (ppm)
  Metals

* EPA Test Method 418.1 (ppm)
  Total Recoverable Petroleum Hydrocarbons (TRPH)

* EPA Test Method 8080 (ppb)
  Organochlorine Pesticides - PCBs

* EPA Test Method 600/M4-82-020
  Polarized Light Microscopy
  Asbestos Containing Materials

All tests showed non detect or below action levels except for EPA Test Method 418.1 for TRPH. It should be noted that this test method picks up all materials that are in the sample that contain non-hazardous materials such as burnt wood, twigs, branches and leaves, and other materials with organic carbon. Since burnt debris was present in each boring, each sample was tested for carcinogenic thermal oxidation byproducts (Dioxins) using EPA Test Method 8280. The workplan specified these tests on an "as needed" basis, where evidence of burning was present.

The following table graphically displays results of each sample taken in each boring.

BORING #	EPA 8240 (ppb)	EPA 8270 (ppb)	EPA 8280	EPA 7000 SERIES (ppm)	EPA 418.1 (ppm)	EPA 8080 (ppb)	EPA 600 M4-82-020
1	ND @ 5' ND @ 15' ND @ 31'	ND @ 5' ND @ 10' ND @ 31'	ND @ 5' ND @ 15'	BAL @ 5'	140 @ 5' 3800 @ 15' ND @ 31'	ND @ 10'	ND @ 10'
2	ND @ 6' ND @ 10' ND @ 15' ND @ 20'	ND @ 6' ND @ 10' ND @ 15' ND @ 20'	ND @ 6' ND @ 10' ND @ 15' ND @ 20'	BAL @ 6'	38 @ 6' 54 @ 10' ND @ 15' ND @ 20'	ND @ 6'	ND @ 10'
3	BAL @ 6' BAL @ 10' ND @ 15'	ND @ 6' ND @ 10' ND @ 15'	ND @ 6' ND @ 10' ND @ 15'	BAL @ 6'	ND @ 6' 390 @ 10' ND @ 15'	ND @ 10'	ND @ 10'
4	ND @ 5' BAL @ 10' ND @ 15'	ND @ 5' ND @ 10' ND @ 15'	ND @ 5' ND @ 10' ND @ 15'	BAL @ 5' BAL @ 10' BAL @ 15'	49 @ 5' 94 @ 10' 19 @ 15'	ND @ 40'	ND @ 10'

ND denotes not detectable
BAL denotes below action levels

NEUTRON LOG PROFILE:

In addition to soil sampling, the vadose monitoring wells were neutron logged using a CPN 503DR Hydroprobe. The technique of neutron logging to monitor the subsurface layers is utilized by performing several rounds of neutron logging over incremental periods of time and then evaluating the data.

Borehole neutron logging measures the presence of hydrogen in the soil; both the hydrogen in water (soil moisture) as well as the hydrogen in petroleum hydrocarbons, or decaying organic material. In the case of landfill materials, neutron logging is applied to detect the liquid leachate potential of the soil.

Neutron logging of the four monitoring wells was performed on October 2, 1992 and again on December 2, 1992. The signatures and corresponding graphs can be found in Appendix C.

The signatures indicate the subsurface layers of landfill material to be stable with no vertical migration. This is evident in the graphs which show that neutron peaks, indicating layers of organic material, have not shifted and remain stationary.

CONCLUSIONS:

Drilling of the subject property revealed that the old landfill located on the site was not contaminated with any materials that would be considered hazardous under current regulations. The fifteen foot (15') thick cover of landfill does contain glass, burned wood, and some metals, however, no hazardous substances were detected. Test results indicate that only organic carbons were found within this landcover, but they do not represent a hazardous waste.

RECOMMENDATIONS:

TTI recommends that the site be granted clean closure.

Sincerely,

Toxic Technology, Inc.

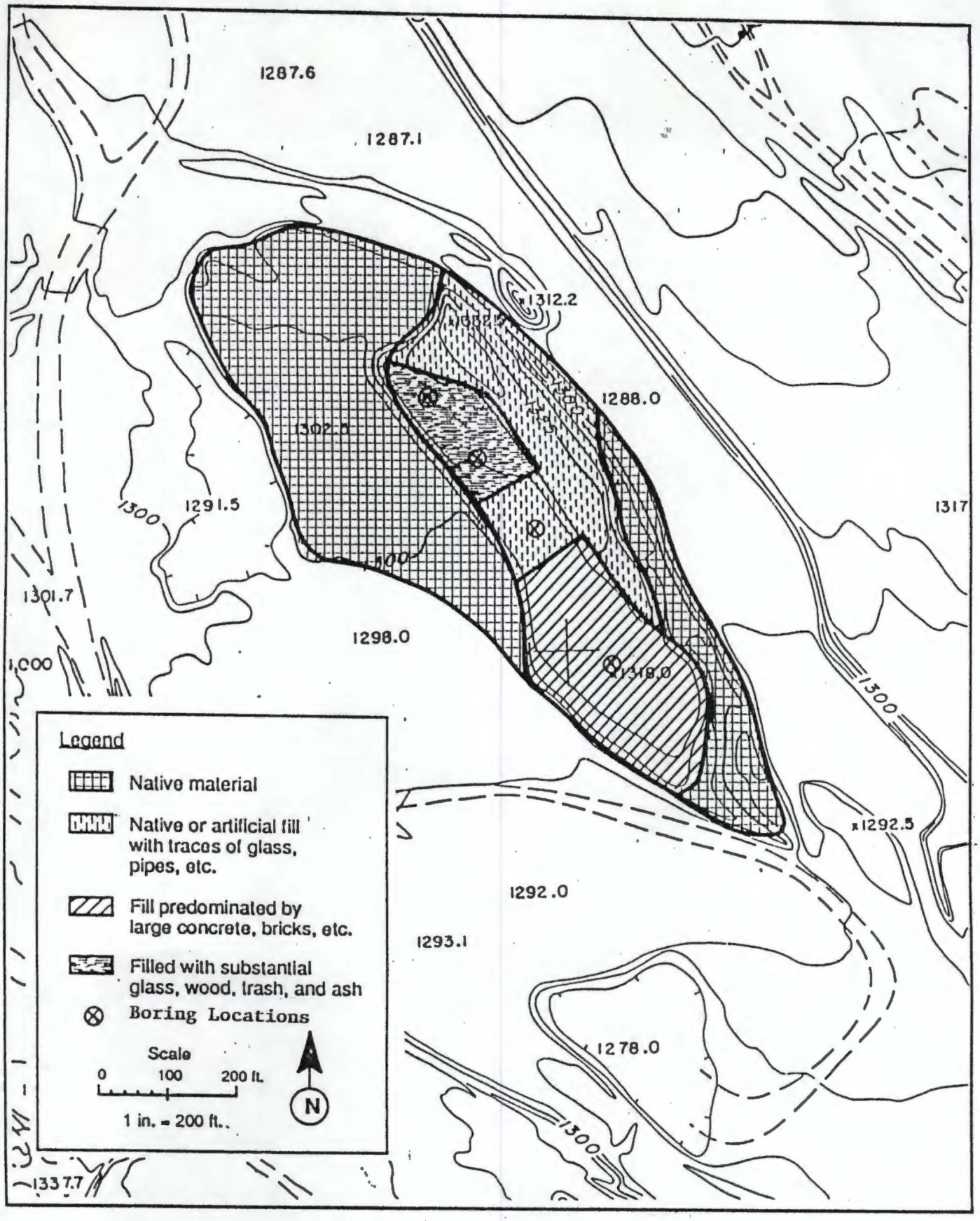
Adam P. Zipp, Ph.D., R.E.A.
Chairman

Toxic Technology, Inc.

Sheldon E. Medall
Registered Engineering Geologist
REG #51

/cjt
Enclosures

APPENDIX A



Boring Location Map

Adapted from Aerovironment, 1990

MAJOR DIVISIONS			SYMBOLS		TYPICAL NAMES
COARSE-GRAINED SOILS (MORE THAN HALF ARE LARGER THAN No. 200 SIEVE)	GRAVELS (MORE THAN HALF COARSE FRACTION IS LARGER THAN No. 4 SIEVE SIZE)	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW		WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES
			GP		POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES
		GRAVELS WITH OVER 12% FINES	GM		SILTY GRAVELS, POORLY GRADED GRAVEL-SAND-SILT MIXTURES
			GC		CLAYEY GRAVELS, POORLY GRADED GRAVEL-SAND-CLAY MIXTURES
	SANDS (MORE THAN HALF COARSE FRACTION IS SMALLER THAN No. 4 SIEVE SIZE)	CLEAN SANDS WITH LITTLE OR NO FINES	SW		WELL-GRADED SANDS, GRAVELLY SANDS
			SP		POORLY GRADED SANDS, GRAVELLY SANDS
		SANDS WITH OVER 12% FINES	SM		SILTY SANDS, POORLY GRADED SAND-SILT MIXTURES
			SC		CLAYEY SANDS, POORLY GRADED SAND-CLAY MIXTURES
FINE-GRAINED SOILS (MORE THAN HALF ARE SMALLER THAN No. 200 SIEVE)	SILTS AND CLAYS (LIQUID LIMIT 50% OR LESS)		ML		INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS, OR CLAYEY SILTS WITH SLIGHT PLASTICITY
			CL		INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
			OL		ORGANIC CLAYS AND ORGANIC SILTY CLAYS OF LOW PLACSTICITY
	SILTS AND CLAYS (LIQUID LIMIT GREATER THAN 50%)		MH		INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
			CH		INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
			OH		ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS			Pt		PEAT AND OTHER HIGHLY ORGANIC SOILS

UNIFIED SOIL CLASSIFICATION SYSTEM

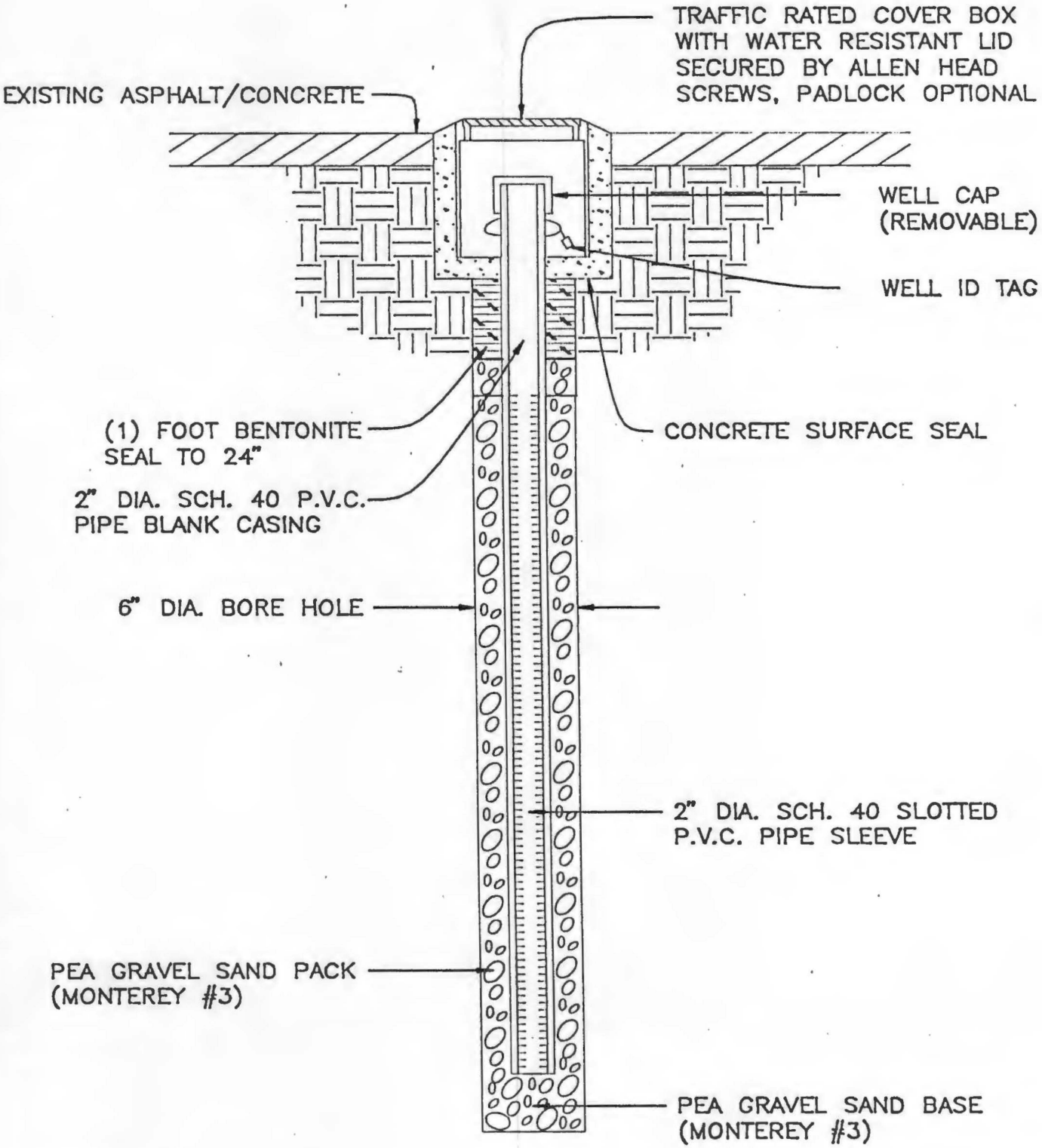
▽ GROUNDWATER TABLE OR GROUNDWATER SEEPAGE

PROJECT: Sand and Gravel Quarry and Inactive Landfill - San Bernardino

JOB No.: 92-013

DATE: 12/22/92

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TYPICAL VADOSE ZONE MONITORING WELL COMPLETION

JM\TTI\WELL 10-8-90

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BORING NO. 1, Sheet 1

CLIENT CalMat

PROJECT 92-013

DATE DRILLED 9/30/92

SURFACE ELEV. NA

LOGGED BY E.N.

DIAMETER OF HOLE 6"

GC/MS Volatile Organics EPA 8240 (ppb)	GC/MS Semi-Volatile Organic EPA 8270 (ppb)	Dioxins EPA 8280	CCR Metals EPA 7000 Series (ppm)	T.R.P.H. EPA 418.1 (ppm)	Organo-Chlorine Pesticides PCBs EPA 8080 (ppb)	PLM EPA 600/ M4-82-020	OVA	DEPTH ft./CTMN	GRAPHIC LOG	WELL CONST.	EARTH MATERIALS DESCRIPTION	U.S.C.S. GROUP SYMBOL	PENETRATION RESIS. IN BLOWS/.5 FT.	C-BORE B-BAG
ND	ND	ND	Below Action Level	140			ND	5			Fill, compact, dark brown, sandy silt to silty sand, with gravel and debris consisting of burned wood, glass, and metal, dry		25 14 14	C
ND	ND	ND	Below Action Level	3800	ND	ND	ND	10					20 10 20	
							ND	15					25 25 24	C
							ND	20			Original ground, very dense, brown, medium to coarse sand, slightly moist (Alluvium)		37 60 50	
							ND	25					+70	
ND	ND	ND	Below Action Level	ND			ND	30					+70	C
							ND	35			Very dense, brown, medium to coarse sand, with gravel and cobbles, slightly moist		+70	
							ND	40					+70	
							ND	45					+70	
								50			See next sheet for 50' - 70'			

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BORING NO. 1, Sheet 2

CLIENT CalMat DRILLED BY DATE DRILLED 9/30/92 LOGGED BY E.N.

PROJECT 92-013 SURFACE ELEV. DIAM. OF HOLE

GC/MS Volatile Organics EPA 8240 (ppb)	GC/MS Semi-Volatile Organic EPA 8270 (ppb)	Dioxins EPA 8280	CCR Metals EPA 7000 Series (ppm)	T.R.P.H. EPA 418.1 (ppm)	Organo-Chlorine Pesticides PCBs EPA 8080 (ppb)	PLM EPA 600/ M4-82-020	OVA	DEPTH ft./CTMN	GRAPHIC LOG	WELL CONST.	EARTH MATERIALS DESCRIPTION	U.S.C.S. GROUP SYMBOL	PENETRATION RESIS. IN BLOWS/.5 FT.	C-BORE B-BAG
											Very dense, brown, medium sand with gravel and cobbles		+70	C
							ND	55					+70	
							ND	60					+70	
							ND	65					+70	
							ND	70			No groundwater surface encountered 9/30/92		+70	C
								75						
								80						
								85						
								90						
								95						
								100						

TTI Toxic Technology, Inc.

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BORING NO. 2

CLIENT CalMat

PROJECT 92-013

DATE DRILLED 10/2/92

SURFACE ELEV. NA

LOGGED BY E.N.

GC/MS Volatile Organics EPA 8240 (ppb)	GC/MS Semi-Volatile Organic EPA 8270 (ppb)	Dioxins EPA 8280	CCR Metals EPA 7000 Series (ppm)	T.R.P.H. EPA 418.1 (ppm)	Organo-Chlorine Pesticides PCBs EPA 8080 (ppb)	PLM EPA 600/ M4-82-020	OVA	DEPTH ft./CTMN	GRAPHIC LOG	WELL CONST.	EARTH MATERIALS DESCRIPTION	U.S.C.S. GROUP SYMBOL	PENETRATION RESIS. IN BLOWS/.5 FT.	C-BORE B-BAG
ND	ND	ND	Below Action Level	38	ND		ND	5			Fill, loose, brown, sandy silt, with gravel, cobbles, and debris consisting of burned wood, metal, and glass		6 4 3	C
ND	ND	ND	Below Action Level	54		ND	ND	10			Fill, compact, brown, slightly clayey, sandy silt, with gravel, cobbles, and debris consisting of burned wood, metal, and glass		10 12 17	C
ND	ND	ND	Below Action Level	ND			ND	15			Original ground, very dense, brown, fine to coarse sand, with some gravel and cobbles, moist (Alluvium)		+70	C
ND	ND	ND	Below Action Level	ND			ND	20			Very dense, brown, fine to coarse sand with some gravel and cobbles		+70	
							ND	25			Very dense, brown, medium to coarse sand, with some gravel		+70	
							ND	30					+70	
							ND	35					+70	
							ND	40			Very dense, brown, coarse sand No G.W.S. encountered 10/2/92		+70	
								45						
								50						

TTI Toxic Technology, Inc.
3197-C Airport Loop Drive • Costa Mesa, California 92626 • (714) 668-1669 • FAX (714) 668-1106

BORING NO. 3

CLIENT CalMat

PROJECT 92-013

DATE DRILLED 9/30/92

SURFACE ELEV. NA

LOGGED BY EN

GC/MS Volatile Organics EPA 8240 (ppb)	GC/MS Semi-Volatile Organic EPA 8270 (ppb)	Dioxins EPA 8280	CCR Metals EPA 7000 Series (ppm)	T.R.P.H. EPA 418.1 (ppm)	Organo-Chlorine Pesticides PCBs EPA 8080 (ppb)	PLM EPA 600/ M4-82-020	OVA	DEPTH ft./CTMN	GRAPHIC LOG	WELL CONST.	EARTH MATERIALS DESCRIPTION	U.S.C.S. GROUP SYMBOL	PENETRATION RESIS. IN BLOWS/.5 FT.	C-BORE B-BAG
											Fill, compact, dark brown, silty sand with gravel and debris consisting of burned wood, glass, and metal, dry		10	
Below Action Level	ND	ND	Below Action Level	ND			ND	5						C
Below Action Level	ND	ND	Below Action Level	390	ND	ND	ND	10						C
ND	ND	ND	Below Action Level	ND			ND	15						C
											Original ground, very dense, brown, medium sand with gravel and cobbles (Alluvium)		+70	
							ND	20						
							ND	25						
							ND	30						
							ND	35						
							ND	40			No G.W.S. encountered 9/30/92			
								45						
								50						

TTI Toxic Technology, Inc.

3197-C Airport Loop Drive • Costa Mesa, California 92626 • (714) 668-1669 • FAX (714) 668-1106

BORING NO. 4

CLIENT CalMat

PROJECT 92-013

DATE DRILLED 10/1/92

SURFACE ELEV. NA

LOGGED BY EN

GC/MS Volatile Organics EPA 8240 (ppb)	GC/MS Semi-Volatile Organic EPA 8270 (ppb)	Dioxins EPA 8280	CCR Metals EPA 7000 Series (ppm)	T.R.P.H. EPA 418.1 (ppm)	Organo-Chlorine Pesticides PCBs EPA 8080 (ppb)	PLM EPA 600/ M4-82-020	OVA	DEPTH ft./CTMN	GRAPHIC LOG	WELL CONST.	EARTH MATERIALS DESCRIPTION	U.S.C.S. GROUP SYMBOL	PENETRATION RESIS. IN BLOWS/.5 FT.	C-BORE B-BAG
ND	ND	ND	Below Action Level	49			ND	5			Fill, compact, dark brown, silty sand with debris consisting of burned wood and glass			
Below Action Level	ND	ND	Below Action Level	94	ND	ND	ND	10			Fill, compact, dark brown, silty sand with debris consisting of burned wood, glass, and metal			C
ND	ND	ND	Below Action Level	19			ND	15			Fill, compact, dark brown, silty fine sand with some gravel and cobbles		11	C
							ND	20			Original ground, dense, brown, medium to coarse sand with gravel and cobbles (Alluvium)		17 30 50	C
							ND	25			Very dense, brown, medium to coarse sand with gravel and cobbles		+70	
							ND	30						
							ND	35						
							ND	40			Very dense, brown, medium to coarse sand		+70	
								45			No G.W.S. encountered 10/1/92			
								50						

APPENDIX B

Q Laboratories, Inc.

Certificate of Analysis

DOHS CERTIFICATION NO. E707

Toxic Technology, Inc.
3197-C Airport Loop Drive
Costa Mesa, CA 92626

DATE: 10/19/92
JOB NO: 210012

ATTN: Eddy Newcomb

Nine (9) soil samples were received on October 1, 1992, labeled:

B-1 5'	B-4 5'	B-3 6'
B-1 15'	B-4 10'	B-3 10'
B-1 31'	B-4 15'	B-3 15'

The samples were analyzed for GC/MS volatile organics according to EPA method 8240, GC/MS semi-volatile organics according to EPA method 8270, dioxins according to EPA method 8280, California Code of Regulations (CCR) metals, total threshold limit concentration (TTLC) according to EPA method 7000 series and total recoverable petroleum hydrocarbons according to EPA method 418.1. The samples B-1 15', B-4 10' and B-3 10' were analyzed for organochlorine pesticide and PCB's according to EPA method 8080, PLM according to EPA method 600/M4-82-020.

Reviewed and Approved: william chiang
William Chiang
Organics Manager

4129 E. La Palma Avenue • Anaheim, CA 92807-0814 • (714) 579-3300 • FAX (714) 579-3448

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Volatile Organics - EPA Method 8240

Results in: ug/Kg

Client ID:	B-1 5'	B-1 15'	B-1 31'	B-4 5'	
Lab ID:	01A	03A	06A	14A	Detection
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	Limit
Date Completed:	10/07/92	10/07/92	10/07/92	10/07/92	ug/Kg
Acetone	ND	ND	ND	ND	50
Benzene	ND	ND	ND	ND	5
Bromodichloromethane	ND	ND	ND	ND	5
Bromoform	ND	ND	ND	ND	5
Bromomethane	ND	ND	ND	ND	10
2-Butanone	ND	ND	ND	ND	50
Carbon Disulfide	ND	ND	ND	ND	5
Carbon Tetrachloride	ND	ND	ND	ND	5
Chlorobenzene	ND	5	ND	ND	5
Chloroethane	ND	ND	ND	ND	10
Chloroform	ND	ND	ND	ND	5
Chloromethane	ND	ND	ND	ND	10
Dibromochloromethane	ND	ND	ND	ND	5
1,1-Dichloroethane	ND	ND	ND	ND	5
1,2-Dichloroethane	ND	ND	ND	ND	5
1,1-Dichloroethene	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	5
trans-1,2-Dichloroethene	ND	ND	ND	ND	5
1,2-Dichloropropane	ND	ND	ND	ND	5
cis-1,3-Dichloropropene	ND	ND	ND	ND	5
trans-1,3-Dichloropropene	ND	ND	ND	ND	5
Ethylbenzene	ND	ND	ND	ND	5
2-Hexanone	ND	ND	ND	ND	50
Methylene Chloride	ND	ND	ND	ND	5
4-Methyl-2-pentanone	ND	ND	ND	ND	50
Styrene	ND	ND	ND	ND	5

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Volatile Organics - EPA Method 8240

Results in: ug/Kg

Client ID:	B-1 5'	B-1 15'	B-1 31'	B-4 5'	
Lab ID:	01A	03A	06A	14A	Detection
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	Limit
Date Completed:	10/07/92	10/07/92	10/07/92	10/07/92	ug/Kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	5
Tetrachloroethene	ND	ND	ND	ND	5
Toluene	ND	ND	ND	ND	5
1,1,1-Trichloroethane	ND	ND	ND	ND	5
1,1,2-Trichloroethane	ND	ND	ND	ND	5
Trichloroethene	ND	ND	ND	ND	5
Vinyl Acetate	ND	ND	ND	ND	50
Vinyl Chloride	ND	ND	ND	ND	10
Xylenes (total)	ND	ND	ND	ND	5

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Volatile Organics - EPA Method 8240

Results in: ug/Kg

Client ID:	B-4 10'	B-4 15'	B-3 6'	B-3 10'	
Lab ID:	15A	16A	19A	20A	Detection
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	Limit
Date Completed:	10/07/92	10/07/92	10/07/92	10/07/92	ug/Kg
Acetone	ND	ND	ND	ND	50
Benzene	ND	ND	ND	ND	5
Bromodichloromethane	ND	ND	ND	ND	5
Bromoform	ND	ND	ND	ND	5
Bromomethane	ND	ND	ND	ND	10
2-Butanone	ND	ND	ND	ND	50
Carbon Disulfide	ND	ND	ND	ND	5
Carbon Tetrachloride	ND	ND	ND	ND	5
Chlorobenzene	ND	ND	ND	ND	5
Chloroethane	ND	ND	ND	ND	10
Chloroform	ND	ND	ND	ND	5
Chloromethane	ND	ND	ND	ND	10
Dibromochloromethane	ND	ND	ND	ND	5
1,1-Dichloroethane	ND	ND	ND	ND	5
1,2-Dichloroethane	ND	ND	ND	ND	5
1,1-Dichloroethene	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	5
trans-1,2-Dichloroethene	ND	ND	ND	ND	5
1,2-Dichloropropane	ND	ND	ND	ND	5
cis-1,3-Dichloropropene	ND	ND	ND	ND	5
trans-1,3-Dichloropropene	ND	ND	ND	ND	5
Ethylbenzene	ND	ND	ND	ND	5
2-Hexanone	ND	ND	ND	ND	50
Methylene Chloride	6	ND	ND	11	5
4-Methyl-2-pentanone	ND	ND	ND	ND	50
Styrene	ND	ND	ND	ND	5

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Volatile Organics - EPA Method 8240

Results in: ug/Kg

Client ID:	B-4 10'	B-4 15'	B-3 6'	B-3 10'	
Lab ID:	15A	16A	19A	20A	Detection
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	Limit
Date Completed:	10/07/92	10/07/92	10/07/92	10/07/92	ug/Kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	5
Tetrachloroethene	31	ND	18	30	5
Toluene	ND	ND	ND	ND	5
1,1,1-Trichloroethane	ND	ND	ND	ND	5
1,1,2-Trichloroethane	ND	ND	ND	ND	5
Trichloroethene	ND	ND	ND	ND	5
Vinyl Acetate	ND	ND	ND	ND	50
Vinyl Chloride	ND	ND	ND	ND	10
Xylenes (total)	ND	ND	ND	ND	5

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Volatile Organics - EPA Method 8240

Results in: ug/Kg

Client ID:	B-3 15'	
Lab ID:	21A	Detection
Date Sampled:	09/30/92	Limit
Date Completed:	10/07/92	ug/Kg
Acetone	ND	50
Benzene	ND	5
Bromodichloromethane	ND	5
Bromoform	ND	5
Bromomethane	ND	10
2-Butanone	ND	50
Carbon Disulfide	ND	5
Carbon Tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroethane	ND	10
Chloroform	ND	5
Chloromethane	ND	10
Dibromochloromethane	ND	5
1,1-Dichloroethane	ND	5
1,2-Dichloroethane	ND	5
1,1-Dichloroethene	ND	5
cis-1,2-Dichloroethene	ND	5
trans-1,2-Dichloroethene	ND	5
1,2-Dichloropropane	ND	5
cis-1,3-Dichloropropene	ND	5
trans-1,3-Dichloropropene	ND	5
Ethylbenzene	ND	5
2-Hexanone	ND	50
Methylene Chloride	ND	5
4-Methyl-2-pentanone	ND	50
Styrene	ND	5

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Volatile Organics - EPA Method 8240

Results in: ug/Kg

Client ID:	B-3 15'	
Lab ID:	21A	Detection
Date Sampled:	09/30/92	Limit
Date Completed:	10/07/92	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5
Tetrachloroethene	ND	5
Toluene	ND	5
1,1,1-Trichloroethane	ND	5
1,1,2-Trichloroethane	ND	5
Trichloroethene	ND	5
Vinyl Acetate	ND	50
Vinyl Chloride	ND	10
Xylenes (total)	ND	5

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Semi-Volatile Organic Compounds - EPA Method 8270

Results in: ug/Kg

Client ID:	B-1 5'	B-1 15'	B-1 31'	B-4 5'	
Lab ID:	01B	02B	06B	14B	
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	Detection
Date Extracted:	10/08/92	10/08/92	10/08/92	10/08/92	Limit
Date Completed:	10/13/92	10/13/92	10/13/92	10/13/92	ug/Kg
BASE NEUTRAL EXTRACTABLES					
Acenaphthene	ND	ND	ND	ND	330
Acenaphthylene	ND	ND	ND	ND	330
Anthracene	ND	ND	ND	ND	330
Benzidine	ND	ND	ND	ND	1,600
Benzoic Acid	ND	ND	ND	ND	1,600
Benzo(a)anthracene	ND	ND	ND	ND	330
Benzo(b)fluoranthene	ND	ND	ND	ND	330
Benzo(k)fluoranthene	ND	ND	ND	ND	330
Benzo(g,h,i)perylene	ND	ND	ND	ND	330
Benzo(a)pyrene	ND	ND	ND	ND	330
Benzyl Alcohol	ND	ND	ND	ND	660
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	330
Bis(2-chloroethyl)ether	ND	ND	ND	ND	330
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	330
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	660
4-Bromophenyl Phenyl ether	ND	ND	ND	ND	330
Butylbenzyl phthalate	ND	ND<500	ND	ND	330
4-Chloroaniline	ND	ND	ND	ND	660
2-Chloronaphthalene	ND	ND	ND	ND	330
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	330
Chrysene	ND	ND	ND	ND	330
Dibenzo(a,h)anthracene	ND	ND	ND	ND	330
Dibenzofuran	ND	ND	ND	ND	330
Di-n-butylphthalate	ND	ND	ND	ND	330
1,2-Dichlorobenzene	ND	ND	ND	ND	330
1,3-Dichlorobenzene	ND	ND	ND	ND	330
1,4-Dichlorobenzene	ND	ND	ND	ND	330

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Semi-Volatile Organic Compounds - EPA Method 8270

Results in: ug/Kg

Client ID:	B-1 5'	B-1 15'	B-1 31'	B-4 5'	
Lab ID:	01B	02B	06B	14B	
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	Detection
Date Extracted:	10/08/92	10/08/92	10/08/92	10/08/92	Limit
Date Completed:	10/13/92	10/13/92	10/13/92	10/13/92	ug/Kg
BASE NEUTRAL EXTRACTABLES					
3,3-Dichlorobenzidine	ND	ND	ND	ND	660
Diethylphthalate	ND	ND	ND	ND	330
Dimethylphthalate	ND	ND	ND	ND	330
2,4-Dinitrotoluene	ND	ND	ND	ND	330
2,6-Dinitrotoluene	ND	ND	ND	ND	330
Di-n-octylphthalate	ND	ND	ND	ND	330
1,2-Dipnenylhydrazine	ND	ND	ND	ND	330
Fluoranthene	ND	ND	ND	ND	330
Fluorene	ND	ND	ND	ND	330
Hexachlorobenzene	ND	ND	ND	ND	330
Hexachlorobutadiene	ND	ND	ND	ND	330
Hexachlorocyclopentadiene	ND	ND	ND	ND	330
Hexachloroethane	ND	ND	ND	ND	330
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	330
Isophorone	ND	ND	ND	ND	330
2-Methylnaphthalene	ND	ND	ND	ND	330
Naphthalene	ND	ND	ND	ND	330
2-Nitroaniline	ND	ND	ND	ND	1,600
3-Nitroaniline	ND	ND	ND	ND	1,600
4-Nitroaniline	ND	ND	ND	ND	1,600
Nitrobenzene	ND	ND	ND	ND	330
N-nitrosodimethylamine	ND	ND	ND	ND	330
N-nitrosodiphenylamine	ND	ND	ND	ND	330
N-nitroso-di-n-propylamine	ND	ND	ND	ND	330
Phenanthrene	ND	ND	ND	ND	330
Pyrene	ND	ND	ND	ND	330
1,2,4-Trichlorobenzene	ND	ND	ND	ND	330

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Semi-Volatile Organic Compounds - EPA Method 8270

Results in: ug/Kg

Client ID:	B-1 5'	B-1 15'	B-1 31'	B-4 5'	
Lab ID:	01B	02B	06B	14B	
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	Detection
Date Extracted:	10/08/92	10/08/92	10/08/92	10/08/92	Limit
Date Completed:	10/13/92	10/13/92	10/13/92	10/13/92	ug/Kg
ACID EXTRACTABLES					
4-Chloro-3-methylphenol	ND	ND	ND	ND	330
2-Chlorophenol	ND	ND	ND	ND	330
2,4-Dichlorophenol	ND	ND	ND	ND	330
2,4-Dimethylphenol	ND	ND	ND	ND	330
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	1,600
2,4-Dinitrophenol	ND	ND	ND	ND	1,600
2-Methylphenol	ND	ND	ND	ND	330
4-Methylphenol	ND	ND	ND	ND	330
2-Nitrophenol	ND	ND	ND	ND	330
4-Nitrophenol	ND	ND	ND	ND	1,600
Pentachlorophenol	ND	ND	ND	ND	1,600
Phenol	ND	ND	ND	ND	330
2,4,5-Trichlorophenol	ND	ND	ND	ND	330
2,4,6-Trichlorophenol	ND	ND	ND	ND	330

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

C/MS Semi-Volatile Organic Compounds - EPA Method 8270

Results in: ug/Kg

Client ID:	B-4 10'	B-4 15'	B-3 6'	B-3 10'	
Lab ID:	15B	16B	19B	20B	
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	Detection
Date Extracted:	10/08/92	10/08/92	10/08/92	10/08/92	Limit
Date Completed:	10/13/92	10/13/92	10/13/92	10/13/92	ug/Kg
BASE NEUTRAL EXTRACTABLES					
Acenaphthene	ND	ND	ND	ND	330
Acenaphthylene	ND	ND	ND	ND	330
Anthracene	ND	ND	ND	ND	330
Benzidine	ND	ND	ND	ND	1,600
Benzoic Acid	ND	ND	ND	ND	1,600
Benzo(a)anthracene	ND	ND	ND	ND	330
Benzo(b)fluoranthene	ND	ND	ND	ND	330
Benzo(k)fluoranthene	ND	ND	ND	ND	330
Benzo(g,h,i)perylene	ND	ND	ND	ND	330
Benzo(a)pyrene	ND	ND	ND	ND	330
Benzyl Alcohol	ND	ND	ND	ND	660
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	330
Bis(2-chloroethyl)ether	ND	ND	ND	ND	330
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	330
Bis(2-ethylhexyl)phthalate	ND	ND	ND	ND	660
4-Bromophenyl Phenyl ether	ND	ND	ND	ND	330
Butylbenzyl phthalate	ND	ND	ND	ND	330
4-Chloroaniline	ND	ND	ND	ND	660
2-Chloronaphthalene	ND	ND	ND	ND	330
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	330
Chrysene	ND	ND	ND	ND	330
Dibenzo(a,h)anthracene	ND	ND	ND	ND	330
Dibenzofuran	ND	ND	ND	ND	330
Di-n-butylphthalate	ND	ND	ND	ND	330
1,2-Dichlorobenzene	ND	ND	ND	ND	330
1,3-Dichlorobenzene	ND	ND	ND	ND	330
1,4-Dichlorobenzene	ND	ND	ND	ND	330

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Semi-Volatile Organic Compounds - EPA Method 8270

Results in: ug/Kg

Client ID:	B-4 10'	B-4 15'	B-3 6'	B-3 10'	
Lab ID:	15B	16B	19B	20B	
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	Detection
Date Extracted:	10/08/92	10/08/92	10/08/92	10/08/92	Limit
Date Completed:	10/13/92	10/13/92	10/13/92	10/13/92	ug/Kg
BASE NEUTRAL EXTRACTABLES					
3,3-Dichlorobenzidine	ND	ND	ND	ND	660
Diethylphthalate	ND	ND	ND	ND	330
Dimethylphthalate	ND	ND	ND	ND	330
2,4-Dinitrotoluene	ND	ND	ND	ND	330
2,6-Dinitrotoluene	ND	ND	ND	ND	330
Di-n-octylphthalate	ND	ND	ND	ND	330
1,2-Dipnenylhydrazine	ND	ND	ND	ND	330
Fluoranthene	ND	ND	ND	ND	330
Fluorene	ND	ND	ND	ND	330
Hexachlorobenzene	ND	ND	ND	ND	330
Hexachlorobutadiene	ND	ND	ND	ND	330
Hexachlorocyclopentadiene	ND	ND	ND	ND	330
Hexachloroethane	ND	ND	ND	ND	330
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	330
Isophorone	ND	ND	ND	ND	330
2-Methylnaphthalene	ND	ND	ND	ND	330
Naphthalene	ND	ND	ND	ND	330
2-Nitroaniline	ND	ND	ND	ND	1,600
3-Nitroaniline	ND	ND	ND	ND	1,600
4-Nitroaniline	ND	ND	ND	ND	1,600
Nitrobenzene	ND	ND	ND	ND	330
N-nitrosodimethylamine	ND	ND	ND	ND	330
N-nitrosodiphenylamine	ND	ND	ND	ND	330
N-nitroso-di-n-propylamine	ND	ND	ND	ND	330
Phenanthrene	ND	ND	ND	ND	330
Pyrene	ND	ND	ND	ND	330
1,2,4-Trichlorobenzene	ND	ND	ND	ND	330

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Semi-Volatile Organic Compounds - EPA Method 8270

Results in: ug/Kg

Client ID:	B-4 10'	B-4 15'	B-3 6'	B-3 10'	
Lab ID:	15B	16B	19B	20B	
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	Detection
Date Extracted:	10/08/92	10/08/92	10/08/92	10/08/92	Limit
Date Completed:	10/13/92	10/13/92	10/13/92	10/13/92	ug/Kg
ACID EXTRACTABLES					
4-Chloro-3-methylphenol	ND	ND	ND	ND	330
2-Chlorophenol	ND	ND	ND	ND	330
2,4-Dichlorophenol	ND	ND	ND	ND	330
2,4-Dimethylphenol	ND	ND	ND	ND	330
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	1,600
2,4-Dinitrophenol	ND	ND	ND	ND	1,600
2-Methylphenol	ND	ND	ND	ND	330
4-Methylphenol	ND	ND	ND	ND	330
2-Nitrophenol	ND	ND	ND	ND	330
4-Nitrophenol	ND	ND	ND	ND	1,600
Pentachlorophenol	ND	ND	ND	ND	1,600
Phenol	ND	ND	ND	ND	330
2,4,5-Trichlorophenol	ND	ND	ND	ND	330
2,4,6-Trichlorophenol	ND	ND	ND	ND	330

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

C/MS Semi-Volatile Organic Compounds - EPA Method 8270

Results in: ug/Kg

Client ID:	B-3 15'	
Lab ID:	21B	
Date Sampled:	09/30/92	Detection
Date Extracted:	10/08/92	Limit
Date Completed:	10/13/92	ug/Kg
BASE NEUTRAL EXTRACTABLES		
Acenaphthene	ND	330
Acenaphthylene	ND	330
Anthracene	ND	330
Benzidine	ND	1,600
Benzoic Acid	ND	1,600
Benzo(a)anthracene	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(g,h,i)perylene	ND	330
Benzo(a)pyrene	ND	330
Benzyl Alcohol	ND	660
Bis(2-chloroethoxy)methane	ND	330
Bis(2-chloroethyl)ether	ND	330
Bis(2-chloroisopropyl)ether	ND	330
Bis(2-ethylhexyl)phthalate	ND	660
4-Bromophenyl Phenyl ether	ND	330
Butylbenzyl phthalate	ND	330
4-Chloroaniline	ND	660
2-Chloronaphthalene	ND	330
4-Chlorophenyl phenyl ether	ND	330
Chrysene	ND	330
Dibenzo(a,h)anthracene	ND	330
Dibenzofuran	ND	330
Di-n-butylphthalate	ND	330
1,2-Dichlorobenzene	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Semi-Volatile Organic Compounds - EPA Method 8270

Results in: ug/Kg

Client ID:	B-3 15'	
Lab ID:	21B	
Date Sampled:	09/30/92	Detection
Date Extracted:	10/08/92	Limit
Date Completed:	10/13/92	ug/Kg
BASE NEUTRAL EXTRACTABLES		
3,3-Dichlorobenzidine	ND	660
Diethylphthalate	ND	330
Dimethylphthalate	ND	330
2,4-Dinitrotoluene	ND	330
2,6-Dinitrotoluene	ND	330
Di-n-octylphthalate	ND	330
1,2-Dipnenylhydrazine	ND	330
Fluoranthene	ND	330
Fluorene	ND	330
Hexachlorobenzene	ND	330
Hexachlorobutadiene	ND	330
Hexachlorocyclopentadiene	ND	330
Hexachloroethane	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Isophorone	ND	330
2-Methylnaphthalene	ND	330
Naphthalene	ND	330
2-Nitroaniline	ND	1,600
3-Nitroaniline	ND	1,600
4-Nitroaniline	ND	1,600
Nitrobenzene	ND	330
N-nitrosodimethylamine	ND	330
N-nitrosodiphenylamine	ND	330
N-nitroso-di-n-propylamine	ND	330
Phenanthrene	ND	330
Pyrene	ND	330
1,2,4-Trichlorobenzene	ND	330

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

GC/MS Semi-Volatile Organic Compounds - EPA Method 8270

Results in: ug/Kg

Client ID:	B-3 15'	
Lab ID:	21B	
Date Sampled:	09/30/92	Detection
Date Extracted:	10/08/92	Limit
Date Completed:	10/13/92	ug/Kg
ACID EXTRACTABLES		
-Chloro-3-methylphenol	ND	330
2-Chlorophenol	ND	330
,4-Dichlorophenol	ND	330
,4-Dimethylphenol	ND	330
4,6-Dinitro-2-methylphenol	ND	1,600
,4-Dinitrophenol	ND	1,600
2-Methylphenol	ND	330
-Methylphenol	ND	330
-Nitrophenol	ND	330
4-Nitrophenol	ND	1,600
entachlorophenol	ND	1,600
Phenol	ND	330
,4,5-Trichlorophenol	ND	330
,4,6-Trichlorophenol	ND	330

D: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

Dioxins - EPA Method 8280 (Low Resolution)

Results in: ng/g

Client ID:	B-1 5'	B-1 15'	B-1 31'	B-4 5'	B-4 10'
Lab ID:	01D	02D	06D	14D	15D
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	09/30/92
Date Extracted:	10/06/92	10/06/92	10/06/92	10/06/92	10/06/92
Date Completed:	10/09/92	10/09/92	10/09/92	10/09/92	10/09/92
2,3,7,8-TCDD	ND	ND	ND	ND	ND
Detection Limit	0.0062	0.0066	0.018	0.0080	0.011
13C-2,3,7,8-TCDD %REC	69	60	74	70	61

D: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

Dioxins - EPA Method 8280 (Low Resolution)

Results in: ng/g

Client ID:	B-4 15'	B-3 6'	B-3 10'	B-3 15'
Lab ID:	16D	19D	20D	21D
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92
Date Extracted:	10/06/92	10/06/92	10/06/92	10/06/92
Date Completed:	10/09/92	10/09/92	10/09/92	10/09/92
2,3,7,8-TCDD	ND	ND	ND	ND
Detection Limit	0.0064	0.012	0.010	0.0069
13C-2,3,7,8-TCDD %REC	67	63	64	72

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

California Code of Regulations (CCR) Metals - EPA 7000 Series
Total Threshold Limit Concentration (TTLC)

Results in: mg/Kg

Client ID:	B-1 5'	B-1 15'	B-1 31'	B-4 5'		
Lab ID:	01A	03A	06A	14A	Detection	
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	Limit	
Date Completed:	10/09/92	10/09/92	10/09/92	10/09/92	mg/Kg	Method
Antimony	ND	ND	ND	ND	30	7040
Arsenic	1.2	2.2	1.7	2.7	0.1	7060
Barium	130	67	35	90	10	7080
Beryllium	ND	ND	ND	ND	1	7090
Cadmium	ND	ND	ND	ND	0.5	7130
Chromium	10	7.7	13	17	1.5	7190
Cobalt	4.4	ND	11	5.8	1.5	7200
Copper	23	63	31	39	0.5	7210
Lead	92	100	5.3	200	0.3	7421
Mercury	ND	ND	ND	ND	0.1	7471
Molybdenum	ND	ND	ND	ND	15	7480
Nickel	4.7	2.8	5.2	6.6	1.5	7520
Selenium	ND<0.2	ND<0.2	ND<0.2	ND<0.2	0.1	7740
Silver	1.6	1.5	ND	0.9	0.5	7760
Thallium	ND<0.2	ND<0.2	ND<0.2	ND	0.2	7841
Vanadium	30	25	30	41	10	7910
Zinc	180	220	18	200	0.5	7950

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

California Code of Regulations (CCR) Metals - EPA 7000 Series
Total Threshold Limit Concentration (TTLC)

Results in: mg/Kg

Client ID:	B-4 10'	B-4 15'	B-3 6'	B-3 10'		
Lab ID:	15A	16A	19A	20A	Detection	
Date Sampled:	09/30/92	09/30/92	09/30/92	09/30/92	Limit	
Date Completed:	10/09/92	10/09/92	10/09/92	10/09/92	mg/Kg	Method
Antimony	ND	ND	ND	ND	30	7040
Arsenic	4.4	1.1	2.6	2.2	0.1	7060
Barium	310	24	270	210	10	7080
Beryllium	ND	ND	ND	ND	1	7090
Cadmium	4.2	ND	ND	2.2	0.5	7130
Chromium	18	4.8	15	15	1.5	7190
Cobalt	3.2	ND	5.0	5.3	1.5	7200
Copper	96	18	84	190	0.5	7210
Lead	470	2.0	650	290	0.3	7421
Mercury	ND	ND	0.3	ND	0.1	7471
Molybdenum	ND	ND	ND	ND	15	7480
Nickel	11	ND	16	29	1.5	7520
Selenium	ND<0.2	ND<0.2	ND<0.2	ND<0.2	0.1	7740
Silver	3.3	ND	4.1	8.0	0.5	7760
Thallium	ND	ND<0.2	ND<0.2	ND	0.2	7841
Vanadium	38	23	35	29	10	7910
Zinc	870	16	780	820	0.5	7950

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

California Code of Regulations (CCR) Metals - EPA 7000 Series
Total Threshold Limit Concentration (TTLC)

Results in: mg/Kg

Client ID:	B-3 15'		
Lab ID:	21A	Detection	
Date Sampled:	09/30/92	Limit	
Date Completed:	10/09/92	mg/Kg	Method
Antimony	ND	30	7040
Arsenic	1.5	0.1	7060
Barium	74	10	7080
Beryllium	ND	1	7090
Cadmium	ND	0.5	7130
Chromium	14	1.5	7190
Cobalt	ND	1.5	7200
Copper	22	0.5	7210
Lead	11	0.3	7421
Mercury	ND	0.1	7471
Molybdenum	ND	15	7480
Nickel	7.1	1.5	7520
Selenium	ND<0.2	0.1	7740
Silver	ND	0.5	7760
Thallium	ND	0.2	7841
Vanadium	31	10	7910
Zinc	52	0.5	7950

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

Total Recoverable Petroleum Hydrocarbons - EPA Method 418.1

Results in: mg/Kg

CLIENT ID	LAB ID	DATE SAMPLED	DATE COMPLETED	DETECTION LIMIT	CONC.
B-1 5'	01A	09/30/92	10/12/92	5	140
B-1 15'	03A	09/30/92	10/12/92	5	3,800
B-1 30'	06A	09/30/92	10/12/92	5	ND
B-4 6'	14A	10/01/92	10/12/92	5	49
B-4 10'	15A	10/01/92	10/12/92	5	94
B-4 15'	16A	10/01/92	10/12/92	5	19
B-3 6'	19A	10/01/92	10/12/92	5	ND
B-3 10'	20A	10/01/92	10/12/92	5	390
B-3 15'	21A	10/01/92	10/12/92	5	ND

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210012

Organochlorine Pesticides and PCBs - EPA Method 8080

Results in: ug/Kg

Client ID:	B-1 15'	B-4 10'	B-3 10'	
Lab ID:	03A	15A	20A	
Date Sampled:	09/30/92	09/30/92	09/30/92	Detection
Date Extracted:	10/09/92	10/09/92	10/09/92	Limit
Date Completed:	10/13/92	10/13/92	10/13/92	ug/Kg
Aldrin	ND	ND	ND	5
alpha-BHC	ND	ND	ND	5
beta-BHC	ND	ND	ND	5
delta-BHC	ND	ND	ND	5
gamma-BHC (Lindane)	ND	ND	ND	5
Chlordane	ND	ND	ND	50
4,4'-DDD	ND	ND	ND	5
4,4'-DDE	ND	ND	ND	5
4,4'-DDT	ND	ND	ND	5
Dieldrin	ND	ND	ND	5
Endosulfan I	ND	ND	ND	5
Endosulfan II	ND	ND	ND	5
Endosulfan Sulfate	ND	ND	ND	5
Endrin	ND	ND	ND	5
Endrin Aldehyde	ND	ND	ND	5
Heptachlor	ND	ND	ND	5
Heptachlor Epoxide	ND	ND	ND	5
Methoxychlor	ND	ND	ND	10
Toxaphene	ND	ND	ND	50
Aroclor-1016	ND	ND	ND	5
Aroclor-1221	ND	ND	ND	5
Aroclor-1232	ND	ND	ND	5
Aroclor-1242	ND	ND	ND	5
Aroclor-1248	ND	ND	ND	5
Aroclor-1254	140	ND	ND	5
Aroclor-1260	ND	ND	ND	5

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

QUALITY CONTROL RESULT SUMMARY

LAB JOB NO.: 210012

SAMPLE MATRIX: Soil

SPIKE COMPOUND	EPA METHOD	% REC. MS	% REC. MSD	RPD
Benzene	8240	84	82	2
Chlorobenzene	8240	120	118	2
1,1-Dichlorobenzene	8240	43	43	0
Toluene	8240	71	67	6
Trichloroethene	8240	73	72	1
Endrin	8080	50	49	2
Heptachlor Epoxide	8080	101	92	9
Lindane	8080	129	120	7
PCB-1242	8080	133	122	8
Acenaphthene	8270	69	68	1
4-Chloro-3-methylphenol	8270	83	86	3
2-Chlorophenol	8270	75	69	9
2,4-Dinitrotoluene	8270	67	66	2
1,4-Dichlorobenzene	8270	67	62	8
N-Nitroso-di-n-propylamine	8270	89	81	9
4-Nitrophenol	8270	63	79	21
Pentachlorophenol	8270	42	50	16
Phenol	8270	71	66	7
Pyrene	8270	89	90	2
1,2,4-Trichlorobenzene	8270	68	64	7

RPD = Relative Percent Difference
% REC. MS = Recovery on Matrix Spike
% REC. MSD = Recovery on Matrix Spike Duplicate

QUALITY CONTROL RESULT SUMMARY

LAB JOB NO.: 210012

SAMPLE MATRIX: Soil

SPIKE COMPOUND	EPA METHOD	% REC. MS	% REC. MSD	RPD
Arsenic	7060	101	101	0
Barium	7080	88	81	8
Beryllium	7090	76	74	3
Cadmium	7130	90	88	2
Chromium	7190	73	71	3
Cobalt	7200	96	95	1
Lead	7420	90	89	1
Mercury	7471	89	90	1
Molybdenum	7480	85	86	2
Nickel	7520	100	97	3
Selenium	7740	60	60	0
Silver	7760	78	58	29
Thallium	7840	102	103	1
Vanadium	7910	98	98	0
Zinc	7950	94	88	6
TRPH	418.1	83	83	0

RPD = Relative Percent Difference
% REC. MS = Recovery on Matrix Spike
% REC. MSD = Recovery on Matrix Spike Duplicate

QuanteQ Laboratories

An Ecologics Company

Certificate of Analysis

DOHS CERTIFICATION NO. E707

Toxic Technology, Inc.
3197-C Airport Loop Drive
Costa Mesa, CA 92626

ATTN: Eddy Newcomb

REPORT DATE: 10/07/92
SAMPLE(S) RECEIVED: 10/01/92
SAMPLE(S) TAKEN: 10/01/92
QUANTEQ JOB NO: 210012
CLIENT PROJECT NO: 92-013
NUMBER OF SAMPLE(S) ANALYZED: 3

ANALYSIS: ASBESTOS IN BULK SAMPLE
METHOD: PLM (POLARIZED LIGHT MICROSCOPY/DISPERSION STAINING)
EPA 600/M4-82-020
EPA ACCREDITATION NUMBER: 9284
NVLAP ACCREDITATION NUMBER: 1229.00

SAMPLE IDENTIFICATION CLIENT	LAB NO.	BRIEF PHYSICAL DESCRIPTION	CHRYSOTILE ASBESTOS PERCENT	AMPHIBOLE ASBESTOS PERCENT
B-1 15'	210012-03A	Brown soil material non-friable #	ND(1)	ND(1)
B-4 10'	210012-15A	Brown soil material non-friable #	ND(1)	ND(1)
B-3 10'	210012-20A	Brown soil material non-friable #	ND(1)	ND(1)

John Eaton
LABORATORY MANAGER

10/08/92
DATE

CHECKED BY

ND(1): Asbestos is not quantifiable below the method detection limit of one percent.
#: Soils and slurry-based materials (e.g. spray-on and troweled-on materials) can be nonhomogeneous due to the nature of their manufacture or formation.
Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite.

4125 E. La Palma Avenue, Suite 300 • Anaheim, CA 92817-0814 • (714) 528-0000 • FAX (714) 528-3176

Q Laboratories, Inc.

Certificate of Analysis

DOHS CERTIFICATION NO. E707

Toxic Technology, Inc.
3197-C Airport Loop Drive
Costa Mesa, CA 92626

ATTN: Eddy Newcomb

DATE: 10/19/92
JOB NO: 210013
CLIENT PROJECT NO: 92-013

Four (4) soil samples were received on October 2, 1992, labeled:

B-2 6'	B-2 15'
B-2 10'	B-2 20'

The samples were analyzed for GC/MS organics according to EPA method 8240, GC/MS semi-volatile organic compounds according to EPA method 8270, total recoverable petroleum hydrocarbons according to EPA method 418.1, California Code of Regulations (CCR) metals, total threshold limit concentration (TTLC) according to EPA method 7000 series and dioxin according to EPA method 8280. The sample B-2 6' was analyzed for organochlorinated pesticide and PCB's according to EPA method 8080. The sample B-2 10' was analyzed for PLM according to EPA 601/M4-82-020.

Reviewed and Approved: William Chiang
William Chiang
Organics Manager

MV

4129 E. La Palma Avenue • Anaheim, CA 92807-0814 • (714) 579-3300 • FAX (714) 579-3448

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210013

GC/MS Volatile Organics - EPA Method 8240

Results in: ug/Kg

Client ID:	B-2 6'	B-2 10'	B-2 15'	B-2 20'	
Lab ID:	01A	02A	03A	04A	Detection
Date Sampled:	10/02/92	10/02/92	10/02/92	10/02/92	Limit
Date Completed:	10/13/92	10/12/92	10/12/92	10/12/92	ug/Kg
Acetone	ND	ND	ND	ND	50
Benzene	ND	ND	ND	ND	5
Bromodichloromethane	ND	ND	ND	ND	5
Bromoform	ND	ND	ND	ND	5
Bromomethane	ND	ND	ND	ND	10
2-Butanone	ND	ND	ND	ND	50
Carbon Disulfide	12	ND	ND	ND	5
Carbon Tetrachloride	ND	ND	ND	ND	5
Chlorobenzene	ND	ND	ND	ND	5
Chloroethane	ND	ND	ND	ND	10
Chloroform	ND	ND	ND	ND	5
Chloromethane	ND	ND	ND	ND	10
Dibromochloromethane	ND	ND	ND	ND	5
1,1-Dichloroethane	ND	ND	ND	ND	5
1,2-Dichloroethane	ND	ND	ND	ND	5
1,1-Dichloroethene	ND	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	ND	5
trans-1,2-Dichloroethene	ND	ND	ND	ND	5
1,2-Dichloropropane	ND	ND	ND	ND	5
cis-1,3-Dichloropropene	ND	ND	ND	ND	5
trans-1,3-Dichloropropene	ND	ND	ND	ND	5
Ethylbenzene	ND	ND	ND	ND	5
2-Hexanone	ND	ND	ND	ND	50
Methylene Chloride	19	14	ND	ND	5
4-Methyl-2-pentanone	ND	ND	ND	ND	50
Styrene	ND	ND	ND	ND	5

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210013

GC/MS Volatile Organics - EPA Method 8240

Results in: ug/Kg

Client ID:	B-2 6'	B-2 10'	B-2 15'	B-2 20'	
Lab ID:	01A	02A	03A	04A	Detection
Date Sampled:	10/02/92	10/02/92	10/02/92	10/02/92	Limit
Date Completed:	10/13/92	10/12/92	10/12/92	10/12/92	ug/Kg
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	5
Tetrachloroethene	ND	18	ND	ND	5
Toluene	ND	ND	ND	ND	5
1,1,1-Trichloroethane	ND	ND	ND	ND	5
1,1,2-Trichloroethane	ND	ND	ND	ND	5
Trichloroethene	ND	ND	ND	ND	5
Vinyl Acetate	ND	ND	ND	ND	50
Vinyl Chloride	ND	ND	ND	ND	10
Xylenes (total)	ND	ND	ND	ND	5

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210013

GC/MS Semi-Volatile Organic Compounds - EPA Method 8270

Results in: ug/Kg

Client ID:	B-2 6'	B-2 10'	B-2 15'	B-2 20'	
Lab ID:	01A	02A	03A	04A	
Date Sampled:	10/02/92	10/02/92	10/02/92	10/02/92	Detection
Date Extracted:	10/08/92	10/08/92	10/08/92	10/08/92	Limit
Date Completed:	10/12/92	10/12/92	10/12/92	10/12/92	ug/Kg
BASE NEUTRAL EXTRACTABLES					
Acenaphthene	ND	ND<660	ND	ND	330
Acenaphthylene	ND	ND<660	ND	ND	330
Anthracene	ND	ND<660	ND	ND	330
Benzidine	ND	ND<3,300	ND	ND	1,600
Benzoic Acid	ND	ND<3,300	ND	ND	1,600
Benzo(a)anthracene	ND	ND<660	ND	ND	330
Benzo(b)fluoranthene	ND	ND<660	ND	ND	330
Benzo(k)fluoranthene	ND	ND<660	ND	ND	330
Benzo(g,h,i)perylene	ND	ND<660	ND	ND	330
Benzo(a)pyrene	ND	ND<660	ND	ND	330
Benzyl Alcohol	ND	ND<1,300	ND	ND	660
Bis(2-chloroethoxy)methane	ND	ND<660	ND	ND	330
Bis(2-chloroethyl)ether	ND	ND<660	ND	ND	330
Bis(2-chloroisopropyl)ether	ND	ND<660	ND	ND	330
Bis(2-ethylhexyl)phthalate	ND	ND<660	ND	ND	660
4-Bromophenyl Phenyl ether	ND	ND<660	ND	ND	330
Butylbenzyl phthalate	ND	ND<660	ND	ND	330
4-Chloroaniline	ND	ND<1,300	ND	ND	660
2-Chloronaphthalene	ND	ND<660	ND	ND	330
4-Chlorophenyl phenyl ether	ND	ND<660	ND	ND	330
Chrysene	ND	ND<660	ND	ND	330
Dibenzo(a,h)anthracene	ND	ND<660	ND	ND	330
Dibenzofuran	ND	ND<660	ND	ND	330
Di-n-butylphthalate	ND	ND<660	ND	ND	330
1,2-Dichlorobenzene	ND	ND<660	ND	ND	330
1,3-Dichlorobenzene	ND	ND<660	ND	ND	330
1,4-Dichlorobenzene	ND	ND<660	ND	ND	330

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210013

GC/MS Semi-Volatile Organic Compounds - EPA Method 8270

Results in: ug/Kg

Client ID:	B-2 6'	B-2 10'	B-2 15'	B-2 20'	
Lab ID:	01A	02A	03A	04A	
Date Sampled:	10/02/92	10/02/92	10/02/92	10/02/92	Detection
Date Extracted:	10/08/92	10/08/92	10/08/92	10/08/92	Limit
Date Completed:	10/12/92	10/12/92	10/12/92	10/12/92	ug/Kg
BASE NEUTRAL EXTRACTABLES					
,3-Dichlorobenzidine	ND	ND<1,300	ND	ND	660
Diethylphthalate	ND	ND<660	ND	ND	330
Dimethylphthalate	ND	ND<660	ND	ND	330
,4-Dinitrotoluene	ND	ND<660	ND	ND	330
2,6-Dinitrotoluene	ND	ND<660	ND	ND	330
Di-n-octylphthalate	ND	ND<660	ND	ND	330
1,2-Dipnenylhydrazine	ND	ND<660	ND	ND	330
Fluoranthene	ND	ND<660	ND	ND	330
Fluorene	ND	ND<660	ND	ND	330
Hexachlorobenzene	ND	ND<660	ND	ND	330
Hexachlorobutadiene	ND	ND<660	ND	ND	330
Hexachlorocyclopentadiene	ND	ND<660	ND	ND	330
Hexachloroethane	ND	ND<660	ND	ND	330
ndeno(1,2,3-cd)pyrene	ND	ND<660	ND	ND	330
Isophorone	ND	ND<660	ND	ND	330
-Methylnaphthalene	ND	ND<660	ND	ND	330
Naphthalene	ND	ND<660	ND	ND	330
-Nitroaniline	ND	ND<3,300	ND	ND	1,600
-Nitroaniline	ND	ND<3,300	ND	ND	1,600
4-Nitroaniline	ND	ND<3,300	ND	ND	1,600
Nitrobenzene	ND	ND<660	ND	ND	330
N-nitrosodimethylamine	ND	ND<660	ND	ND	330
N-nitrosodiphenylamine	ND	ND<660	ND	ND	330
-nitroso-di-n-propylamine	ND	ND<660	ND	ND	330
Phenanthrene	ND	ND<660	ND	ND	330
yrene	ND	ND<660	ND	ND	330
1,2,4-Trichlorobenzene	ND	ND<660	ND	ND	330

D: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210013

GC/MS Semi-Volatile Organic Compounds - EPA Method 8270

Results in: ug/Kg

Client ID:	B-2 6'	B-2 10'	B-2 15'	B-2 20'	
Lab ID:	01A	02A	03A	04A	
Date Sampled:	10/02/92	10/02/92	10/02/92	10/02/92	Detection
Date Extracted:	10/08/92	10/08/92	10/08/92	10/08/92	Limit
Date Completed:	10/12/92	10/12/92	10/12/92	10/12/92	ug/Kg
ACID EXTRACTABLES					
-Chloro-3-methylphenol	ND	ND<660	ND	ND	330
2-Chlorophenol	ND	ND<660	ND	ND	330
,4-Dichlorophenol	ND	ND<660	ND	ND	330
,4-Dimethylphenol	ND	ND<660	ND	ND	330
4,6-Dinitro-2-methylphenol	ND	ND<3,300	ND	ND	1,600
,4-Dinitrophenol	ND	ND<3,300	ND	ND	1,600
2-Methylphenol	ND	ND<660	ND	ND	330
-Methylphenol	ND	ND<660	ND	ND	330
-Nitrophenol	ND	ND<660	ND	ND	330
4-Nitrophenol	ND	ND<660	ND	ND	1,600
entachlorophenol	ND	ND<3,300	ND	ND	1,600
Phenol	ND	ND<3,300	ND	ND	330
4,5-Trichlorophenol	ND	ND<660	ND	ND	330
,4,6-Trichlorophenol	ND	ND<660	ND	ND	330

D: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210013

Organochlorine Pesticides and PCBs - EPA Method 8080

Results in: ug/Kg

Client ID:	B-2 6'	
Lab ID:	01A	
Date Sampled:	10/02/92	Detection
Date Extracted:	10/09/92	Limit
Date Completed:	10/13/92	ug/Kg
Aldrin	ND	5
alpha-BHC	ND	5
Beta-BHC	ND	5
Delta-BHC	ND	5
gamma-BHC (Lindane)	ND	5
Chlordane	ND	50
4,4'-DDD	ND	5
4,4'-DDE	ND	5
4,4'-DDT	ND	5
Dieldrin	ND	5
Endosulfan I	ND	5
Endosulfan II	ND	5
Endosulfan Sulfate	ND	5
Endrin	ND	5
Endrin Aldehyde	ND	5
Heptachlor	ND	5
Heptachlor Epoxide	ND	5
Methoxychlor	ND	10
Toxaphene	ND	50
Aroclor-1016	ND	5
Aroclor-1221	ND	5
Aroclor-1232	ND	5
Aroclor-1242	ND	5
Aroclor-1248	ND	5
Aroclor-1254	ND	5
Aroclor-1260	ND	5

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210013

Dioxins - EPA Method 8280 (Low Resolution)

Results in: ng/g

Client ID:	B-2 6'	B-2 10'	B-2 15'	B-2 20'
Lab ID:	01D	02D	03D	04D
Date Sampled:	10/02/92	10/02/92	10/02/92	10/02/92
Date Extracted:	10/06/92	10/06/92	10/06/92	10/06/92
Date Completed:	10/09/92	10/09/92	10/09/92	10/09/92
2,3,7,8-TCDD	ND	ND	ND	ND
Detection Limit	0.0061	0.0053	0.0079	0.0094
13C-2,3,7,8-TCDD %REC	65	75	76	74

D: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210013

Total Recoverable Petroleum Hydrocarbons - EPA Method 418.1

Results in: mg/Kg

CLIENT ID	LAB ID	DATE SAMPLED	DATE COMPLETED	DETECTION LIMIT	CONC.
B-2 6'	01A	10/02/92	10/12/92	5	38
B-2 10'	02A	10/02/92	10/12/92	5	54
B-2 15'	03A	10/02/92	10/12/92	5	ND
B-2 20'	04A	10/02/92	10/12/92	5	ND

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

Date: 10/19/92

Q Laboratories, Inc.

Q Laboratory Job Number: 210013

California Code of Regulations (CCR) Metals - EPA 7000 Series
Total Threshold Limit Concentration (TTLC)

Results in: mg/Kg

Client ID:	B-2 6'	B-2 10'	B-2 15'	B-2 20'		
Lab ID:	01A	02A	03A	04A	Detection	
Date Sampled:	10/02/92	10/02/92	10/02/92	10/02/92	Limit	
Date Completed:	10/09/92	10/09/92	10/09/92	10/09/92	mg/Kg	Method
Antimony	ND	ND	ND	ND	30	7040
Arsenic	1.6	7.6	1.6	1.9	0.1	7060
Barium	290	190	28	39	10	7080
Beryllium	ND	ND	ND	ND	1	7090
Cadmium	1.0	5.6	ND	ND	0.5	7130
Chromium	18	48	9.1	9.8	1.5	7190
Cobalt	ND	26	ND	ND	1.5	7200
Copper	190	140	11	13	0.5	7420
Lead	270	230	3.9	2.5	0.3	7421
Mercury	0.2	ND	ND	ND	0.1	7471
Molybdenum	ND	ND	ND	ND	15	7480
Nickel	7.8	84	ND	3.6	1.5	7520
Selenium	ND<0.2	ND<0.2	ND<0.2	ND<0.2	0.1	7740
Silver	6.3	4.9	ND	ND	0.5	7760
Thallium	ND	ND	ND<0.2	ND	0.2	7841
Vanadium	27	40	26	26	10	7910
Zinc	420	1,300	18	17	0.5	7950

ND: The analyte is not detected at or above the stated detection limit. Unless otherwise stated, the method detection limit for each analyte is as reported in the "Detection Limit" column. Detection limits adjusted due to sample matrix or volume are reported in the results columns.

QUALITY CONTROL RESULT SUMMARY

LAB JOB NO.: 210013

SAMPLE MATRIX: Soil

SPIKE COMPOUND	EPA METHOD	% REC. MS	% REC. MSD	RPD
Benzene	8240	84	82	2
Chlorobenzene	8240	120	118	2
1,1-Dichlorobenzene	8240	43	43	0
Toluene	8240	71	67	6
Trichloroethene	8240	73	72	1
Endrin	8080	50	49	2
Heptaclor Epoxide	8080	101	92	9
Lindane	8080	129	120	7
PCB-1242	8080	133	122	8
Acenaphthene	8270	69	68	1
4-Chloro-3-methylphenol	8270	83	86	3
2-Chlorophenol	8270	75	69	9
2,4-Dinitrotoluene	8270	67	66	2
1,4-Dichlorobenzene	8270	67	62	8
N-Nitroso-di-n-propylamine	8270	89	81	9
4-Nitrophenol	8270	63	79	21
Pentachlorophenol	8270	42	50	16
Phenol	8270	71	66	7
Pyrene	8270	89	90	2
1,2,4-Trichlorobenzene	8270	68	64	7

RPD = Relative Percent Difference
% REC. MS = Recovery on Matrix Spike
% REC. MSD = Recovery on Matrix Spike Duplicate

QUALITY CONTROL RESULT SUMMARY

LAB JOB NO.: 210012

SAMPLE MATRIX: Soil

SPIKE COMPOUND	EPA METHOD	% REC. MS	% REC. MSD	RPD
Arsenic	7060	101	101	0
Barium	7080	88	81	8
Beryllium	7090	76	74	3
Cadmium	7130	90	88	2
Chromium	7190	73	71	3
Cobalt	7200	96	95	1
Lead	7420	90	89	1
Mercury	7471	89	90	1
Molybdenum	7480	85	86	2
Nickel	7520	100	97	3
Selenium	7740	60	60	0
Silver	7760	78	58	29
Thallium	7840	102	103	1
Vanadium	7910	98	98	0
Zinc	7950	94	88	6

RPD = Relative Percent Difference
% REC. MS = Recovery on Matrix Spike
% REC. MSD = Recovery on Matrix Spike Duplicate

Q Laboratories, Inc.

Certificate of Analysis

DOHS CERTIFICATION NO. E707

Toxic Technology, Inc.
3197-C Airport Loop Drive
Costa Mesa, CA 92626

ATTN: Eddy Newcomb

REPORT DATE: 10/07/92
SAMPLE(S) RECEIVED: 10/02/92
SAMPLE(S) TAKEN: 10/02/92
QUANTEQ JOB NO: 210013
CLIENT PROJECT NO: 92-013
NUMBER OF SAMPLE(S) ANALYZED: 1

ANALYSIS: ASBESTOS IN BULK SAMPLE
METHOD: PLM (POLARIZED LIGHT MICROSCOPY/DISPERSION STAINING)
EPA 600/M4-82-020
EPA ACCREDITATION NUMBER: 9284
NVLAP ACCREDITATION NUMBER: 1229.00

SAMPLE IDENTIFICATION CLIENT	LAB NO.	BRIEF PHYSICAL DESCRIPTION	CHRYSOTILE ASBESTOS PERCENT	AMPHIBOLE ASBESTOS PERCENT
B-2 10'	210013-02A	Brown soil material non-friable #	ND(1)	ND(1)

John Eaton
LABORATORY MANAGER

10/08/92
DATE

CHECKED BY

ND(1): Asbestos is not quantifiable below the method detection limit of one percent.
#: Soils and slurry-based materials (e.g. spray-on and troweled-on materials) can be nonhomogeneous due to the nature of their manufacture or formation.
Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite.

Reporting Information:

1. Client: TOXIC TECHNOLOGY INC.
Address: 3197-C AIRPORT LOOP DR.
COSTA MESA, CA 92626
Contact: EDDY NEWCOMB
Alt. Contact:

Address Invoice To:

3.

Address Report To:

2.

Send Invoice To:

4.

Send Report To: 1 or 2 (Circle one)
Client project/P.O. #: 92-013
Sample Team Member ('s) E. NEWCOMB / A. HARVEY

Quanteq
An Ecologics Company

Page 1 of 2

REQUEST FOR ANALYSIS/ CHAIN OF CUSTODY

Lab Job Number: 210012
Lab Destination:
Date Samples Shipped:
Lab Contact:
Date Verbals Required:
Date Report Required:
Client Contact PH. No.: 714/668-1669
Client Contact Fax No.: 668-1106

Lab Number	Client Sample Identification	Air Volume	Date/ Time Collected	Sample Type *	Pres.	No. of Cont.	Type of Cont.	ANALYSIS: 418.1	8240	8270	8080	TITLE 22 METALS	2378	ASBESTOS					Comments/Inst., Hazards, etc.
	B-1 5'		9/30/92	SOIL		1		X	X	X	X	X	X						
	B-1 10'																		HOLD
	B-1 15'							X	X	X	X	X	X	X					
	B-1 20'																		HOLD
	B-1 25'																		HOLD
	B-1 31'							X	X	X		X	X						
	B-1 35'																		HOLD
	B-1 40'																		HOLD
	B-1 45'																		HOLD
	B-1 55'																		HOLD
	B-1 61'																		HOLD
	B-1 65'																		HOLD
	B-1 70'																		HOLD
	"																		

Relinquished by: (Signature) Allan Harvey	DATE 10/1/92	TIME	Received by: (Signature) Sam Kuing
Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)
Relinquished by: (Signature)	DATE	TIME	Received by: (Signature)
Method of Shipment			Lab Comments

DATE 10/1/92 TIME 1550

* Sample type (Specify): 1) 25 mm 0.45 Um MCEF 2) 25 mm 0.8 Um MCEF 3) 25 mm 0.4 Um polycarb. filter 4) 37 mm 0.8 Um 5) PVC filter diam. _____ pore size _____
6) Charcoal tube 7) Silica gel tube 8) Waste Water 9) Soil 10) Bulk 11) Other _____

COPIES: WHITE - JOB FILE • YELLOW - PROJECT FILE • PINK - CLIENT

Quanteq
An Ecologics Company

Page 2 of 2

REQUEST FOR ANALYSIS/ CHAIN OF CUSTODY

Lab Job Number: 210012
Lab Destination:
Date Samples Shipped:
Lab Contact:
Date Verbals Required:
Date Report Required:
Client Contact PH. No.: 714/668-1669
Client Contact Fax No.: 668-1106

Reporting Information:

1. Client: TOXIC TECHNOLOGY INC.
Address: 3197-C AIRPORT LOOP DR. COSTA MESA, CA 92626
Contact: EDDY NEWCOMB
Alt. Contact:

Address Invoice To:

3.

Address Report To:

2.

Send Invoice To:

4.

Send Report To: 1 or 2 (Circle one)
Client project/P.O. #:
Sample Team Member ('s) E. NEWCOMB / A. HARVEY

Lab Number	Client Sample Identification		Air Volume	Date/ Time Collected	Sample Type *	Pres.	No. of Cont.	Type of Cont.	418.1	8240	8270	8080	TITLE 22 METALS	2378	ASBESTOS						Comments/Inst., Hazards, etc.
	B-4	5'		10/1/92	SOIL		1		X	X	X		X	X							
	B-4	10'							X	X	X	X	X	X	X						
	B-4	15'							X	X	X		X	X							
	B-4	20'																			HOLD
	B-4	40'																			HOLD
	B-3	6'							X	X	X		X	X							
	B-3	10'							X	X	X	X	X	X	X						
	B-3	15'							X	X	X		X	X							
	B-3	40'																			HOLD

Relinquished by: (Signature)	Alan Harvey	DATE 10/1/92	TIME	Received by: (Signature)	Sam Kuing	DATE 10/1/92	TIME 1550
Relinquished by: (Signature)		DATE	TIME	Received by: (Signature)		DATE	TIME
Relinquished by: (Signature)		DATE	TIME	Received by: (Signature)		DATE	TIME
Method of Shipment				Lab Comments			

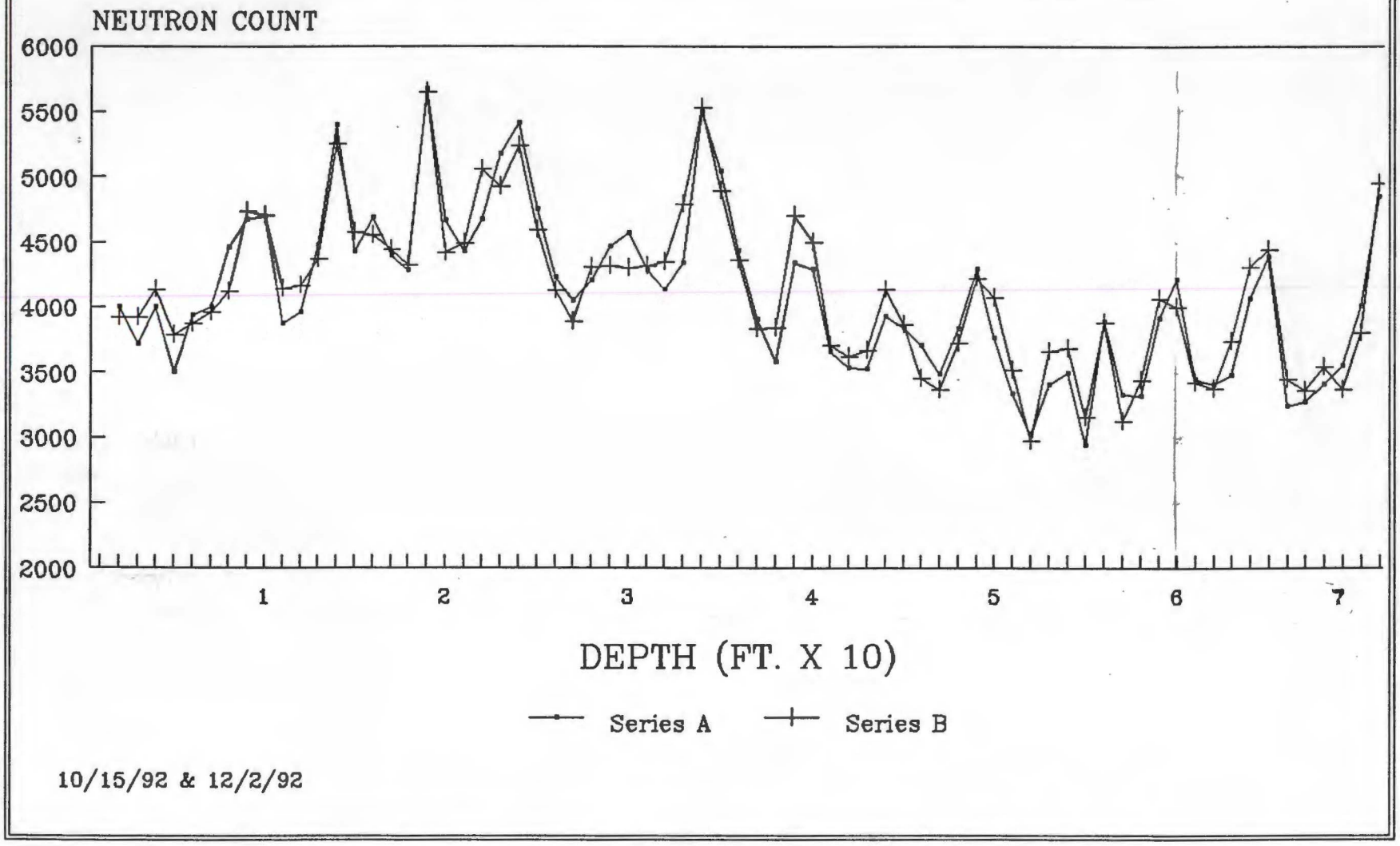
* Sample type (Specify): 1) 25 mm 0.45 Um MCEF 2) 25 mm 0.8 Um MCEF 3) 25 mm 0.4 Um polycarb. filter 4) 37 mm 0.8 Um 5) PVC filter diam. _____ pore size _____
6) Charcoal tube 7) Silica gel tube 8) Waste Water 9) Soil 10) Bulk 11) Other_____

COPIES: WHITE - JOB FILE • YELLOW - PROJECT FILE • PINK - CLIENT

APPENDIX C

CALMAT – SAN BERNARDINO

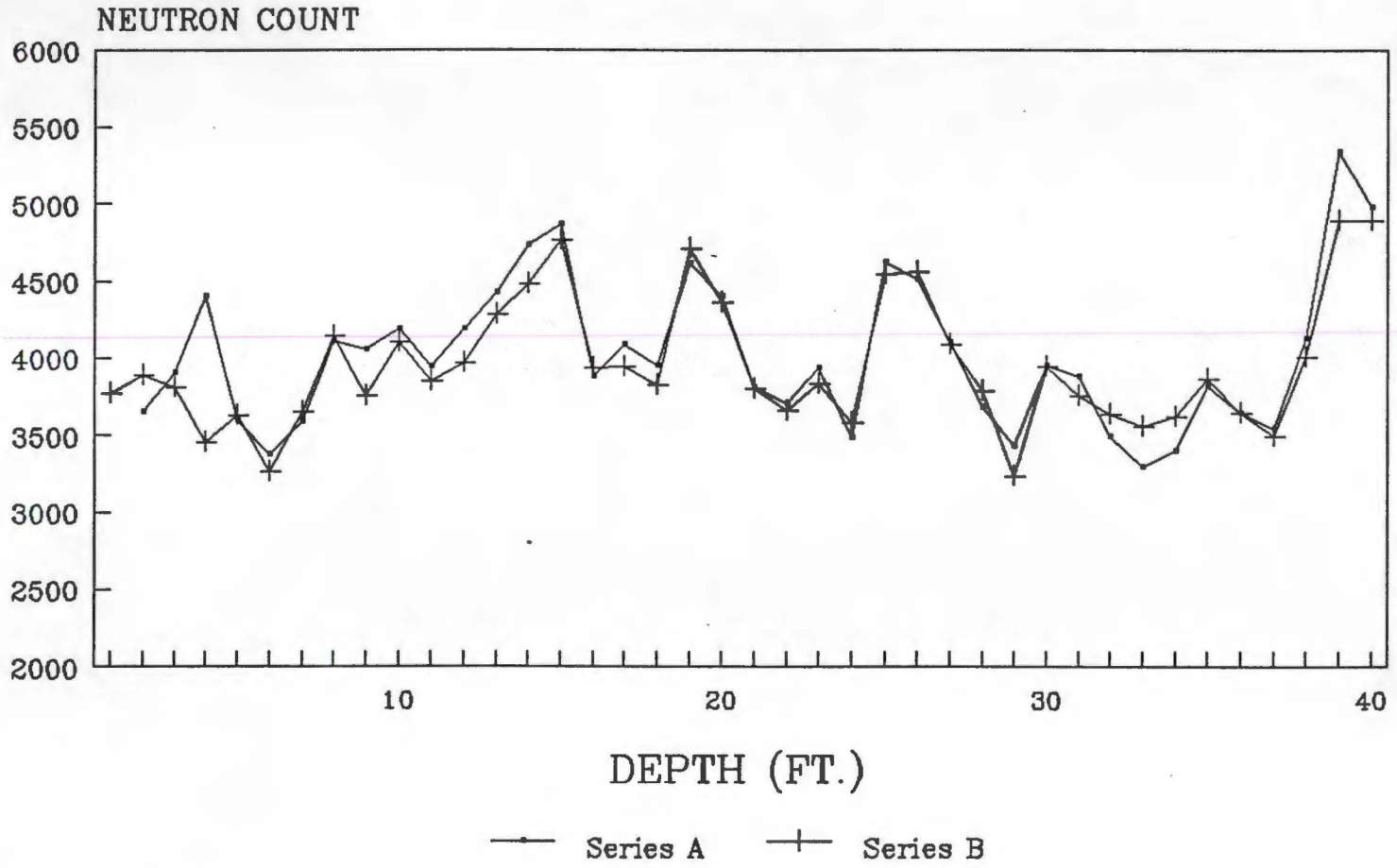
MW1



10/15/92 & 12/2/92

CALMAT – SAN BERNARDINO

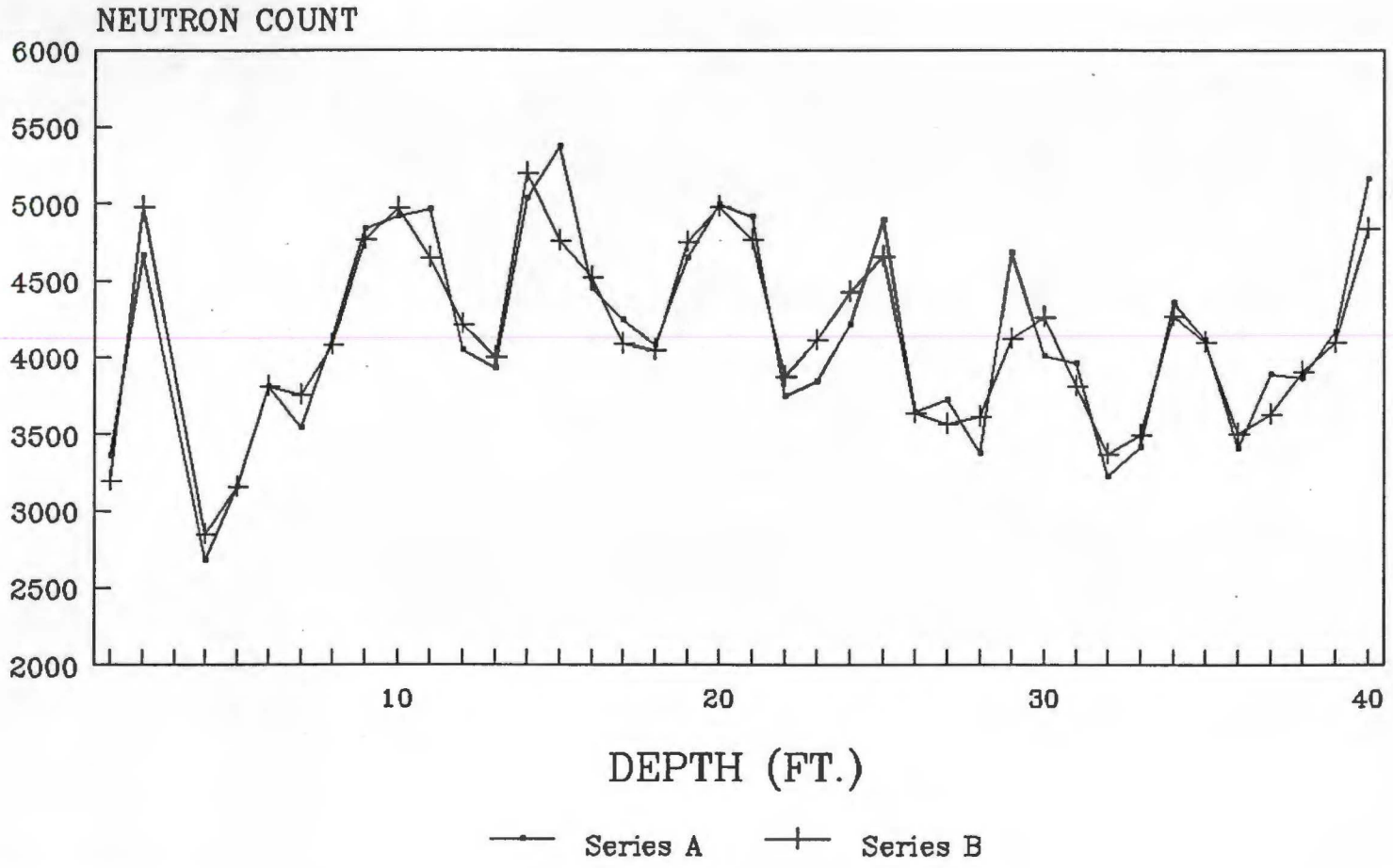
MW2



10/15/92 & 12/2/92

CALMAT – SAN BERNARDINO

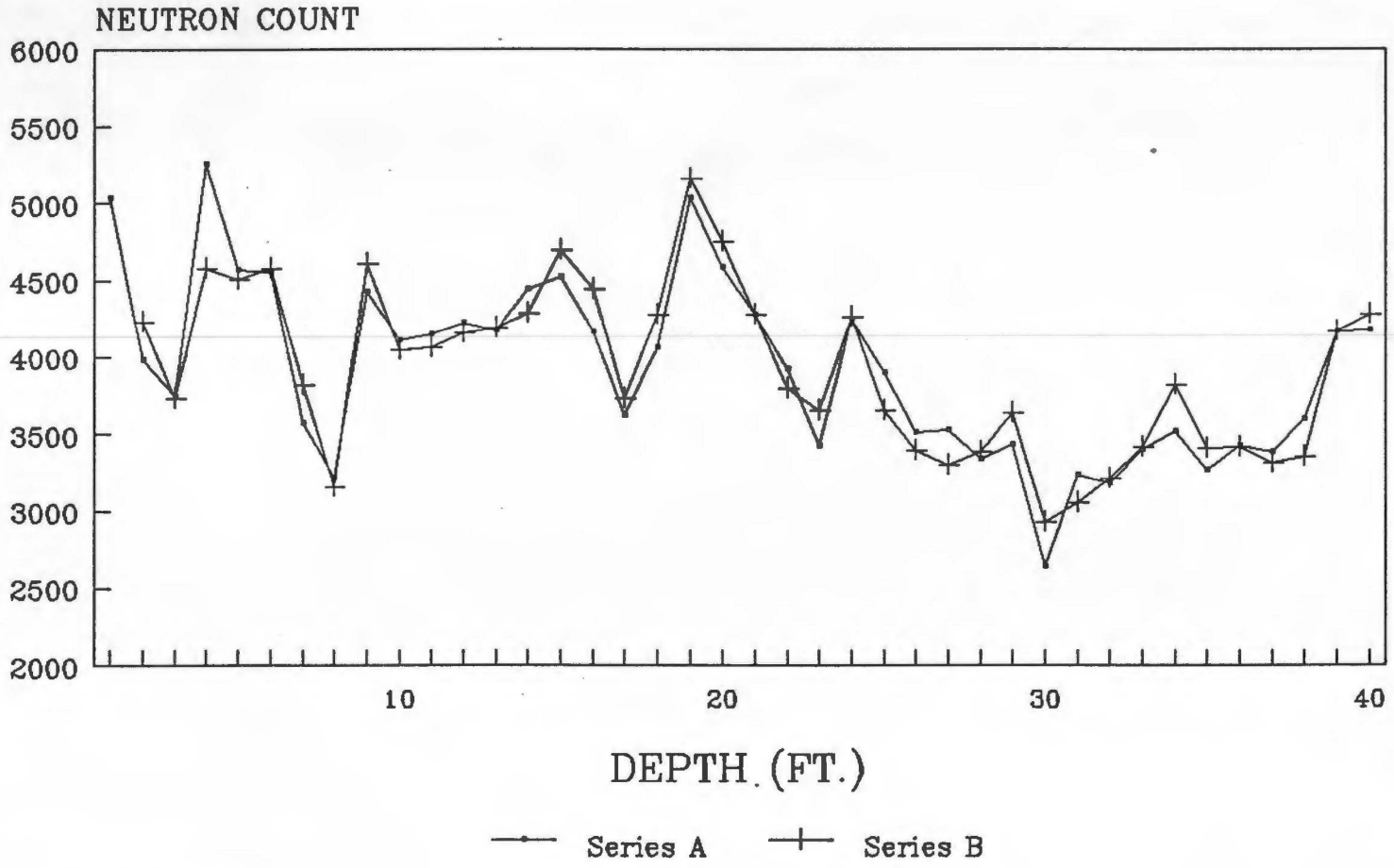
MW3



10/15/92 & 12/2/92

CALMAT – SAN BERNARDINO

MW4



100/15/92 & 12/2/92

APPENDIX E
RECORDS OF COMMUNICATION

MacLean, Tanya

From: MacLean, Tanya
Sent: Thursday, February 20, 2020 1:38 PM
To: ChatsworthFileRoom@dtsc.ca.gov
Subject: Records Request
Attachments: (2020-02-20) DTSC Chatsworth Req.pdf

Attached please find a records request for a facility in the San Bernardino/Rialto, CA. Please let me know if you need any additional information from me.

Thank you in advance for your help,
Tanya

Tanya MacLean | Due Diligence Scientist
Direct **+1 (949) 809-5080** | Business **+1 (949) 809-5000** | Mobile **+1 (949) 310-2760** | Fax **+1 (949) 809-5010** |
tanya.maclean@tetratech.com

Tetra Tech, Inc. | Complex World, Clear Solutions™ |
17885 Von Kaman Avenue, Suite 500, Irvine, CA 92614 | tetratech.com |

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Please consider the environment before printing. Read more

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: (949) 809-5080 | Main #: (949) 809-5000 | Main Fax #: (949) 809-5010

February 20, 2020

California Environmental Protection Agency
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, CA 91311

Phone: (818) 717-6500
Fax: (818) 717-6526
ChatsworthFileRoom@dtsc.ca.gov

Re: Request to Review California EPA, DTSC, Files

Attn: Records Clerk

We are representing a client with interests in properties located in San Bernardino County (unincorporated), California. The concern is for knowledge of hazardous materials investigations and regulatory status of the property. This letter is intended as a formal request for photocopies of files that the California EPA, DTSC, may have for the property at the following locations:

- 2340 and 2400 West Highland Avenue, San Bernardino County, CA
- 2350 East Highland Avenue, San Bernardino County, CA

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the property.

Please contact us if no records are found, or so we can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at (949) 809-5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean
tanya.maclean@tetratech.com

MacLean, Tanya

From: MacLean, Tanya
Sent: Thursday, February 20, 2020 1:38 PM
To: CypressFileRoom@dtsc.ca.gov
Subject: Records Request
Attachments: (2020-02-20) DTSC Cypress Req.pdf

Attached please find a records request for a facility in the San Bernardino/Rialto, CA. Please let me know if you need any additional information from me.

Thank you in advance for your help,
Tanya

Tanya MacLean | Due Diligence Scientist
Direct **+1 (949) 809-5080** | Business **+1 (949) 809-5000** | Mobile **+1 (949) 310-2760** | Fax **+1 (949) 809-5010** |
tanya.maclean@tetratech.com

Tetra Tech, Inc. | Complex World, Clear Solutions™ |
17885 Von Kaman Avenue, Suite 500, Irvine, CA 92614 | tetratech.com |

This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

Please consider the environment before printing. Read more

TETRA TECH

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, CA 92614
Direct #: (949) 809-5080 | Main #: (949) 809-5000 | Main Fax #: (949) 809-5010

February 20, 2020

California Environmental Protection Agency
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

Phone: (714) 484-5300
Fax: (714) 484-5302
CypressFileRoom@dtsc.ca.gov

Re: Request to Review California EPA, DTSC, Files

Attn: Julie Johnson

We are representing a client with interests in properties located in San Bernardino County (unincorporated), California. The concern is for knowledge of hazardous materials investigations and regulatory status of the property. This letter is intended as a formal request for photocopies of files that the California EPA, DTSC, may have for the property at the following location:

- 2340 and 2400 West Highland Avenue, San Bernardino County, CA
- 2350 East Highland Avenue, San Bernardino County, CA

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the property.

Please contact us if no records are found, or so we can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at (949) 809-5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean
tanya.maclean@tetratech.com

MacLean, Tanya

From: MacLean, Tanya
Sent: Thursday, February 20, 2020 1:41 PM
To: filereview8@waterboards.ca.gov
Subject: Records Request
Attachments: (2020-02-20) SARWQCB Req.pdf

Attached please find a records request for a facility in the San Bernardino County (unincorporated). Please let me know if you need any additional information from me.

Thank you in advance for your help,
Tanya

Tanya MacLean | Due Diligence Scientist
Direct **+1 (949) 809-5080** | Business **+1 (949) 809-5000** | Mobile **+1 (949) 310-2760** | Fax **+1 (949) 809-5010** |
tanya.maclean@tetratech.com

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TETRA TECH

TETRA TECH

17885 Von Karman Avenue, Suite 500
Irvine, California 92614
Direct: (949) 809-5080
Fax: (949) 809-5010

February 20, 2020

Santa Ana RWQCB
3737 Main Street, Suite 500
Riverside, California 92501-3339

Phone: (951) 782-4130
Fax: (951) 781-6288
filereview8@waterboards.ca.gov

Re: File Review Request

SARWQCB:

I am conducting an environmental assessment of a property in San Bernardino County, California. Please conduct a file search (LUST, SCP, and NDPES) for the following addresses:

- 2340 West Highland Avenue (Industrial Asphalt - #083601667T), San Bernardino, CA
- CalMat Co. San Bernardino Plant Aggregate Mining Operation – East Highland Avenue bridging Cajon Wash and Lytle Creek, Muscoy, CA (T10000010161)
- 2400 West Highland Avenue, San Bernardino County, CA
- 2350 East Highland Avenue, San Bernardino County, CA

We are also concerned with any activity and use limitations [such as institutional controls (e.g. deed restrictions, restrictive covenants, restrictive easements, or restrictive zoning) or engineering controls (e.g. capping, slurry walls, or point of use water treatment)] or environmental liens associated with the property.

Please contact us if no records are found, or so we can arrange to come in and review the files. If there are any questions regarding this request, please call me directly at (949) 809-5080. Thank you for your time and help.

Sincerely,
Tetra Tech, Inc.

Tanya MacLean

Tanya MacLean
tanya.maclean@tetratech.com

MacLean, Tanya

From: MacLean, Tanya
Sent: Thursday, February 20, 2020 1:49 PM
To: luscustomerservice@lus.sbcounty.gov
Subject: Records Request

I am requesting copies of permits for the following property:

- APN 0264-431-15-0000 - one known main address 2400 West Highland Avenue and two other associated addresses 2340 West Highland Avenue and 2350 East Highland Avenue.

I am primarily interested in the initial building permit(s), sewer permit, certificates of occupancy, any other permits for buildings, permits for hazardous materials/waste storage, and any other permits of environmental interest. I understand there is a fee for this search and copies – please let me know where/how I can pay the required fees. Please also let me know if you require any additional information from me.

Thank you,
Tanya

Tanya MacLean | Due Diligence Scientist
Direct **+1 (949) 809-5080** | Business **+1 (949) 809-5000** | Mobile **+1 (949) 310-2760** | Fax **+1 (949) 809-5010** |
tanya.maclean@tetratech.com

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TETRA TECH

MacLean, Tanya

From: MacLean, Tanya
Sent: Thursday, February 20, 2020 1:39 PM
To: mmolina@sbcfire.org
Subject: Records Request
Attachments: (2020-02-20) SBCFD Request UPD.pdf

Maria:

Attached please find a records request for a facility in San Bernardino County (unincorporated), CA. The property has one parcel number 0264-431-15-0000, one known main address 2400 West Highland Avenue, and two other associated addresses 2340 West Highland Avenue and 2350 East Highland Avenue. I will go ahead and request a check to be sent to you for the search. Please let me know if I should request a check for $130 or another amount to be sent to you?

Please let me know if you need any additional information from me.

Thank you in advance for your help,
Tanya

Tanya MacLean | Due Diligence Scientist
Direct **+1 (949) 809-5080** | Business **+1 (949) 809-5000** | Mobile **+1 (949) 310-2760** | Fax **+1 (949) 809-5010** |
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Please consider the environment before printing. Read more

TETRA TECH

CUPA
San Bernardino County Fire Protection District • Hazardous Materials Division
620 S. E St., San Bernardino, CA 92415-0153 • (909) 386-8468 FAX (909) 386-8460

REQUEST FOR A CERTIFIED HAZARDOUS MATERIALS RECORDS SEARCH FINDING REPORT

The main focus of a REQUEST FOR A CERTIFIED HAZARDOUS MATERIALS RECORDS SEARCH FINDING REPORT is to determine whether there exists in San Bernardino County Fire Protection District (SBCFPD) any record relating to contamination or reports of spills at a particular site. A Certified Hazardous Materials Records Search Finding Report should reveal whether there are any facilities at the site that are subject to current or past regulatory activity by SBCFPD, such as underground storage tanks, hazardous material handlers, hazardous waste generators, and CalARP facilities, as well as any reports of spills, incidents, complaints, or cleanup activity, which can be a useful tool in providing a history of compliance or non-compliance.

Once SBCFPD has completed its records search, a Certified Hazardous Materials Records Search Finding Report will be prepared and issued. Such report will detail all SBCFPD records associated with a particular site by type, date, location, and status (where applicable). All files identified in a Certified Hazardous Materials Records Search Finding Report can be made available for copies and/or review upon request.

If the completed records search reveals no SBCFPD record of hazardous material activity at the site, a Certified Hazardous Materials Records Search Finding Report will be issued, noting that "no records" were identified.

Please provide a specific site address or location description. If a situs address does not exist or cannot be found, list another type of location identifier such as Assessor Parcel Number (preferable), cross streets or intersections (e.g., NWC 5th Ave. & Main St.), and/or legal description. If possible, please attach a map to this request form.

SITE INFORMATION		
Property Owner or Business Name	Location (Site Address and/or Assessor Parcel No.) 0264-431-15-0000 (2400/2340/2350 W Highland Ave)	City/Community San Bernardino/San Bernardino County (unincorporated)

Please provide your name, the company you represent, and contact information below.

REQUESTOR INFORMATION				
NAME Tanya MacLean	TITLE (*If individual, leave blank*)	COMPANY (*If individual, leave blank*)		
MAILING ADDRESS 17885 Von Karman Avenue, Suite 500	CITY Irvine		STATE CA	ZIP CODE
TELEPHONE 949-809-5080	FAX	EMAIL ADDRESS tanya.maclean@tetratech.com		

So that we may provide better service, please check one or more of the boxes below which best describe how the findings of the Certified Hazardous Materials Records Search will be used and/or your relationship to the property in question.

PURPOSE OR RELATIONSHIP TO PROPERTY

- [X] 1. Phase I site assessment or due diligence **AT THE SITE**
- [ ] 2. Environmental professional involved with remediation **AT THE SITE**
- [ ] 3. Phase I site assessment or due diligence **NEARBY**
- [ ] 4. Environmental professional involved with remediation **NEARBY**
- [ ] 5. Proposed School Site (1/4 mi. search for AHM)
- [ ] 6. Proposed Drinking Water Well
- [ ] 7. Owner or operator of the facility or property
- [ ] 8. Potential buyer
- [ ] 9. Real Estate Agent, Lender, Appraiser
- [ ] 10. Pending escrow
- [ ] 11. Proposed redevelopment
- [ ] 12. Legal or other reason: _____

AGENCY USE	
Certified Record Search Finding Report issued: ___/___/___	Reference No:
Certified "No Record" Finding Report issued: ___/___/___	Amount Paid:
	Receipt No.:
	Date:

** IMPORTANT –THIS PAGE MUST BE SIGNED PRIOR TO SUBMITTAL **

DISCLAIMER: While all attempts are made to provide accurate, current, and reliable information, San Bernardino County Fire Protection District *(further referred to as SBDFPD)* recognizes the possibility of human error. Therefore, SBCFPD, its officers, employees, agents and volunteers, make no representations as to the accuracy, completeness or suitability of a Certified Hazardous Materials Records Search Finding Report and provides a Certified Hazardous Materials Records Search Finding Report "as is," with no warranties, express or implied, including the implied warranty of fitness for a particular purpose. In no event shall SBCFPD be liable for any damages of any nature whatsoever, arising out of the issuance of a Certified Hazardous Materials Records Search Finding Report. SBCFPD therefore assumes no liability for damages incurred directly or indirectly as a result of any errors, omissions or discrepancies in a Certified Hazardous Materials Records Search Finding Report.

RELEASE AND INDEMNIFICATION: In consideration for the issuance of a Certified Hazardous Materials Records Search Finding Report, I hereby release and forever discharge SBCFPD, its officers, employees, agents and volunteers from any and all claims, actions, losses, damages and/or liability in connection with SBCFPD's issuance of a Certified Hazardous Materials Records Search Finding Report, including, but not limited to, claims that may arise due to the active or passive negligence of SBCFPD, its officers, employees, agents and volunteers.

I am familiar with the provisions of California Civil Code Section 1542, which provides as follows:

"A general release does not extend to claims which the creditor does not know or suspect to exist in his or her favor at the time of executing the release, which if known by him or her must have materially affected his or her settlement with the debtor."

I hereby expressly waive any and all rights that I may have there under. I understand and acknowledge the significance and consequence of this specific waiver of California Civil Code Section 1542 and assume full responsibility for any injuries, damages, losses or liabilities that I may hereafter discover as possibly resulting from SBCFPD's issuance of a Certified Hazardous Materials Records Search Finding Report.

In further consideration for SBCFPD's issuance of a Certified Hazardous Materials Records Search Finding Report, I hereby agree, for myself, my heirs, administrators, executors and assigns, that I shall indemnify, defend (with counsel approved by County) and hold harmless SBCFPD, its officers, employees, agents and volunteers from any and all claims, demands, actions or suits arising out of or in connection with SBCFPD's issuance of a Certified Hazardous Materials Records Search Finding Report brought by any third party.

* * *

I have read the above terms and conditions, including the paragraphs entitled "DISCLAIMER" and "RELEASE AND INDEMNIFICATION", and by my signature below, I affirm that I understand these terms and conditions and accept them as part of my REQUEST FOR A CERTIFIED HAZARDOUS MATERIALS RECORDS SEARCH FINDING REPORT.

I hereby request a Certified Hazardous Materials Records Search Finding Report for the location described on Page 1 of this application.

- ☐ **I am including payment of the initial fee of $136.00, for the first hour of research, by check or money order, payable to San Bernardino County Fire Protection District, or by credit card payment taken over the phone. I understand that research exceeding one hour will be billed at the rate of $136.00 for each additional hour spent by SBCFPD in completing this request.**
- ☐ **I have faxed or emailed this request and will forward payment along with the original request form within 48 hours.**

REQUESTOR'S SIGNATURE	
SIGNATURE OF REQUESTOR Tanya MacLean	DATE February 20, 2020

Rev. 07/09/2018

Department of Toxic Substances Control

Jared Blumenfeld
Secretary for
Environmental Protection

Meredith Williams, Ph.D.
Director
9211 Oakdale Avenue
Chatsworth, California 91311

Gavin Newsom
Governor

February 24, 2020

Ms. Tanya MacLean
Tetra Tech Inc.
17885 Von Karman Avenue, Suite 500
Irvine, CA 92614

151, 153, 209, and 211 North Puente Avenue, City of Industry, CA 91746
121 North Puente Avenue (Master Arts Engraving), City of Industry, CA 91746
1014 Orange Street, Rosamond, CA 93530
2340 and 2400 West Highland Avenue, San Bernardino, CA
2350 East Highland Avenue, San Bernardino, CA

PR3-022020-06

Dear Ms. MacLean:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control.

After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities referenced above.

We would also like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. Envirostor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view Envirostor.

If you have any questions or would like further information regarding your request, please contact me at (818) 717-6522.

Sincerely,

Glenn Castillo /SA
Regional Records Coordinator

Printed on Recycled Paper

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control

Meredith Williams, Ph.D.
Acting Director
5796 Corporate Avenue
Cypress, California 90630

Gavin Newsom
Governor

February 24, 2020

Tanya MacLean
TETRA TECH
Tanya.maclean@tetratech.com

PR4-022020-8
2340/2400 W HIGHLAND AVE, SAN BERNARDINO COUNTY, CA
2350 E HIGHLAND AVE., SAN BERNARDINO COUNTY, CA

Dear Requestor:

We have received your Public Records Act Request for records from Department of Toxic Substances Control. **After a thorough review of our files we have found that, no site records were found pertaining to the site/facility referenced above.**

We would like to inform you about Envirostor (www.envirostor.dtsc.ca.gov/public) which provides non-confidential, public access to DTSC's data management system and may assist you're your future research. The system tracks our cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or potential contamination, providing data and documentation of over 13,000 cleanup and hazardous waste facilities across California.

If you have any questions, would like further information regarding your request, please contact me at (714) 484-5337.

Sincerely,

Julie Johnson
Julie Johnson
Regional Records Coordinator

Printed on Recycled Paper

MacLean, Tanya

From: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Sent: Tuesday, March 3, 2020 8:15 AM
To: MacLean, Tanya
Subject: RE: Records Request

⚠ **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Good morning,

After careful review of our records, we show we have no files for the following sites:
CalMat Co. San Bernardino Plant Aggregate Mining Operation – East Highland Avenue bridging Cajon Wash and Lytle Creek, Muscoy, CA (T10000010161)
2350 East Highland Avenue, San Bernardino County, CA

All responsive records for your request below can be found on Geotracker using the following links:

2340 West Highland Avenue (Industrial Asphalt - #083601667T), San Bernardino, CA
https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607100198

2400 West Highland Avenue, San Bernardino County, CA
https://geotracker.waterboards.ca.gov/map/?global_id=10036714&geotracker_ust=true

Thank you,
File Review Desk
3737 Main St. Suite 500
Riverside, CA 92501

From: MacLean, Tanya <Tanya.MacLean@tetratech.com>
Sent: Thursday, February 20, 2020 1:41 PM
To: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Subject: Records Request

EXTERNAL:

Attached please find a records request for a facility in the San Bernardino County (unincorporated). Please let me know if you need any additional information from me.

Thank you in advance for your help,
Tanya

Tanya MacLean | Due Diligence Scientist
Direct **+1 (949) 809-5080** | Business **+1 (949) 809-5000** | Mobile **+1 (949) 310-2760** | Fax **+1 (949) 809-5010** |
tanya.maclean@tetratech.com

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SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT

620 South "E" Street • San Bernardino, CA 92415-0153 • (909) 386-8401 • Fax (909) 386-8460

Office of the Fire Marshal
Hazardous Materials Division
sbcfire.org

Don Trapp
Interim Fire Chief/Fire Warden

Michael A. Horton
Fire Marshal

March 5, 2020

20022004 San Bernardino RAL Tetra Tech

TETRA TECH, INC.
17885 VON KARMAN AVENUE, SUITE 500
IRVINE, CA 92614

ATTENTION: TANYA MAC LEAN

SUBJECT: CERTIFIED RECORD SEARCH FINDINGS
2340, 2350, AND 2400 WEST HIGHLAND AVENUE, SAN BERNARDINO, CALIFORNIA
APN#S: 0264-431-15-0000

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The file(s) shown below have been retrieved for review. If you wish to view the original documents, please e-mail this office at mmolina@sbcfire.org or call the number at the end of this letter to arrange an appointment.

ACTIVE PERMIT FACILITIES: (Regulatory files for facilities with annual operating permits to maintain underground storage tanks, handle hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

Vulcan Materials Western Division (Formerly: Industrial Asphalt) 2350 (2340) W. Highland Ave. San Bernardino	FA0007904 ~ CERS ID. 10047694 Hazardous Materials 4-10 Chemicals Handler Permit APSA 1,320-10,000 Gal Fac Capacity (Last CERS Submission: 02/25/2020)
Holliday Rock – San Bernardino 2 2400 Highland Ave. San Bernardino	FA0017475 ~ CERS ID. 10154977 Hazardous Materials 11-30 Chemicals Handler Permit (Last CERS Submission: 02/19/2020)
Vulcan Materials West Division (Formerly: CalMat Co.) 2400 W. Highland Ave. San Bernardino	FA0001676 ~ Est. # 86008958 ~ CERS ID. 10036714 Underground Storage Tank Permits (4) Hazardous Materials 4-10 Chemicals Handler Permit Large Quantity Generator Permit APSA 1,320-10,000 Gal Fac Capacity Permit (Last CERS Submission: 01/27/2020)

BOARD OF DIRECTORS

Robert A. Lovingood	Janice Rutherford	Dawn Rowe	Curt Hagman	Josie Gonzales	Gary McBride
First District	Second District	Third District	Chairman, Fourth District	Vice Chair, Fifth District	Chief Executive Officer

INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES: (Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed.
Files will also include any underground tank removal/construction activity records and site remediation/ contamination records for facilities no longer operating underground tanks).

Catalina Pacific Concrete 2400 W. Highland Ave. San Bernardino	Est. # 91024228 Hazardous Material Handler Permit
Cal Portland Company (Formerly: Chaparral Concrete) 2400 W. Highland Ave. San Bernardino	FA0001854 ~ Est. #92029066 ~ CERS ID. 10154977 Small Quantity Generator Permit Hazardous Materials 11-30 Chemicals Handler Permit Special Generator Permit

PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND STORAGE TANKS:

Vulcan Material 2350 W. Highland Ave. San Bernardino	Issued 02/28/2008 Modification – VOID – Requested Refund Log # 022808-02 ~ Job Card # 8996
Vulcan Material 2350 W. Highland Ave. San Bernardino	Issued 06/29/2007 Modification – Piping Only Log # 062907-01 ~ Job Card # 8768
Industrial Asphalt 2340 W. Highland Ave. San Bernardino ***UST was never put into operation – fuel was never placed into tank.***	Issued 03/27/1990 Installation/Removal Log # 032790-02 ~ Job Card # 2305
Vulcan Materials 2400 W. Highland San Bernardino	Issued 05/10/2018 Modification – Cold Start Log # 051018-03 ~ Job Card # 12380
Vulcan Material West Division 2400 W. Highland Ave. San Bernardino	Issued 03/17/2009 Modification Repair/Testing Log # 031709-03 ~ Job Card # 09557
Vulcan Materials 2400 W. Highland Ave. San Bernardino	Issued 06/26/2006 Modification Log # 062606-01 ~ Job Card # 8486
Vulcan Materials/Cal Mat 2400 W. Highland Ave. San Bernardino	Issued 06/06/2003 Modification Log # 060603-01 ~ Job Card # 7190
Cal Mat 2400 W. Highland Ave. San Bernardino	Issued 01/08/1999 Modification (3) Log # 010899-01 ~ Job Card # 6022
Cal-Mat	Issued 01/28/1987

2400 W. Highland Ave. San Bernardino	Installation/Removal Log # 012887-01 ~ Job Card # 579

HAZ MAT INCIDENT RESPONSE ACTIVITY: (other records of spill notifications and/or complaints not listed below may also exist in facility permit files).

No record of hazmat incident response activity identified in this search.

SITE REMEDIATION: (Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

Industrial Asphalt 2400 W. Highland Ave. San Bernardino	RO0000068 ~ Site # 90084 Diesel fuel release reported 07/13/1990- closed 12/29/93 No further action letter dated 12/29/1993 in file.

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team. Records date back to mid- 1980's. Please note if a facility has completed a business plan submission in CERS, the most recent submission can be made available for review upon request. *Please request CERS printout at the time an appointment is made for file review.* The print out will be made available to you at your File Review appointment. There will be a charge for any copies made at 25 cents per page payable at time of file review.

Records consist of 5 file(s), 6 volumes, approximately 11" thick, combined. To request a file review appointment or request further clarification, please contact this office at (909) 386-8468 or by email to mmolina@sbcfire.org.

Donna Juday

DONNA JUDAY
Office Specialist
Office of the Fire Marshal
Hazardous Materials Division

*We will copy pre-selected pages from a file at a charge $0.25 per page copied. (Be prepared to make this payment at the time of service). We can also refer you to a private copy service. If you prefer to bring a portable copier, cell phone with camera on site, you may do so. Please let us know your plans in advance so that accommodations can be made

MacLean, Tanya

From: Claborn, Amy <Amy.Claborn@lus.sbcounty.gov>
Sent: Thursday, March 19, 2020 12:46 PM
To: MacLean, Tanya
Subject: APN 0264-431-15-0000 - one known main address 2400 West Highland Avenue and two other associated addresses 2340 West Highland Avenue and 2350 East Highland Avenue.
Attachments: SKM_C65820031912301.pdf

⚠ **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Hello,

A records sweep has been conducted. Please see the attached permit(s) as requested for APN 0264-431-15-0000.

Permit #	Permit Type:	Result:
207870005B	COMMERCIAL STORAGE BLDG	ATTACHED
207900290C	OFFICE/DISPATCH BLDG	ATTACHED
207920025C	REPLACE TRUCK WASH STRUCTURE	ATTACHED
207990010C	ELECTRICAL MONITORING SYSTEM	ATTACHED
207010001B	ELECT. UPGRADE TO BLDG	ATTACHED

PLEASE NOTE: Due to the age of the microfilm, some permits may be illegible. We strive to achieve the best image quality with every request.

Thank you for your patience during our research process.

This completes the research on property: 0264-431-15

Amy C. Claborn
Land Use Technician
Land Use Services Department
Phone: 909-387-8311 or 760-995-8140
385 N. Arrowhead Ave. 1st floor
San Bernardino, CA, 92415

Our job is to create a county in which those who reside and invest can prosper and achieve well-being.
www.SBCounty.gov

APPENDIX F
RESUMES

TANYA MACLEAN

Due Diligence Scientist **Tetra Tech, Inc. – Division PPG**

EDUCATION/SPECIAL TRAINING

B.S. Environmental Science, Minor: Biology – University of Waterloo – Waterloo, ON, Canada

REGISTRATIONS/CERTIFICATIONS

OSHA 40-Hour HAZWOPER Training (29 CFR 1910.120)

QUALIFICATIONS

Ms. MacLean has been primarily responsible for conducting Phase I Environmental Site Assessments (ESAs) and tenant audits since August 2005. Specific duties involve the completion of historical public record/photo reviews, review and evaluation of computer-compiled government agency databases, on-site reconnaissance, interviews, review of hydrogeological and wetlands information, preliminary asbestos-containing materials (ACM) surveys, preliminary lead-based paint surveys, data interpretation, evaluation of recognized environmental conditions (RECs) and environmental concerns, and report preparation. Ms. MacLean has also performed in field oversight of groundwater monitoring activities for a former industrial property.

RELEVANT EXPERIENCE SUMMARY

- **Phase I ESA, Confidential Client, Riverside County, California.** Performed Phase I ESA for wind energy project in Riverside County, CA.
- **Phase I ESAs, Confidential Clients, Riverside and San Bernardino Counties, California.** Performed Phase I ESAs for three existing or future solar field projects in Riverside and San Bernardino Counties, CA.
- **Phase I ESA, Confidential Client, Nevada.** Performed Phase I ESA for a natural gas-powered, combined-cycle electricity generating facility in Nevada.
- **Phase I ESAs, The Boeing Company, Long Beach, CA.** Performed Phase I ESAs for several former industrial/manufacturing properties in Long Beach, CA.
- **Phase I ESAs, Los Angeles Department of Water and Power (LADWP), Multiple locations in Los Angeles/Kern/Inyo Counties, CA.** Performed Phase I ESAs for a total of 31 properties to date for LADWP including a 23-Site portfolio in the Bishop/Big Pine area of Inyo County.

- **Phase I ESA, Orange County Transportation Authority (OCTA), Placentia, CA.** Performed Phase I ESA for a former auto repair facility in Placentia, CA.
- **Phase I ESA, Various Clients, Southern California, Arizona, Nevada, and Oregon** Performing Phase I Environmental Site Assessments for various clients, including lending institutions, large corporations, and private clients on hundreds of sites including gasoline stations, dry cleaners, large industrial properties, and commercial and residential properties.
- **Groundwater Monitoring, Costa Mesa, CA.** In field oversight of groundwater monitoring activities for semi-annual groundwater monitoring and post-remediation monitoring at former industrial facility in Costa Mesa, CA.
- **Tenant Inspection Program, Southern and Northern California, Phoenix, Atlanta, Calgary** Involved with tenant audits of warehouse, light industrial, and commercial facilities at a number of business parks in southern and northern California, Phoenix, Atlanta, and Calgary.

PROFESSIONAL REFERENCES

Furnished upon request

STEVEN GROD

Project Manager **Tetra Tech, Inc. – Division PPG**

EDUCATION/SPECIAL TRAINING

B.S. Oceanography – Humboldt State University – Arcata, CA

REGISTRATIONS/CERTIFICATIONS

OSHA 40-Hour HAZWOPER Training (29 CFR 1910.120)
AHERA-certified Building Inspector

QUALIFICATIONS

Mr. Grod has over 20 years of experience in the conduct of environmental studies in the United States. This experience includes property transfer evaluation of individual residential, commercial, industrial, manufacturing, and energy properties, and portfolios primarily across the western United States; and soil and groundwater characterization.

Currently, Mr. Grod serves as a Project Manager of Tetra Tech Inc.'s Irvine, California office. As Project Manager, Mr. Grod is responsible for performing and/or overseeing or supervising environmental assessments, environmental sampling, compliance audits, regulatory records research and review, subsurface investigations, and preparation of AutoCAD-based drawings.

Previously, Mr. Grod held similar positions in California with Vertex Engineering Services, Inc., and at ATEC Environmental Consultants (ATEC) and ATC Associates Inc. (ATC), which acquired ATEC in 1996.

RELEVANT EXPERIENCE SUMMARY

- Managed and/or performed Phase I Environmental Site Assessments (ESAs) for a variety of properties including residential, commercial, industrial, manufacturing, oil field, and energy properties. Property types have included energy facilities (wind, solar, steam and power cogeneration [natural gas-powered combined-cycle electricity generating], and hydro-electric facilities), multi-tenant/strip mall shopping centers, multi-level anchor-store shopping malls, high-rise office buildings, dry cleaners, gasoline/service stations, metal and powder coating facilities, wire manufacturing facilities, injection molding facilities, medical and biological research and development facilities, aerospace facilities, computer parts manufacturing facilities, an ink manufacturing facility, plastics manufacturing facilities, and a construction company equipment yard and maintenance facility (located within an oil field; with oil wells on-Site).

- Manages the performance of quarterly tenant inspection reviews of approximately 100 million square feet of tenant space in 29 major city regions nationwide.

- Performed Phase I environmental site assessments and NEPA studies for the wireless telecommunications industry.

- Assisted with oversight of soil borings and groundwater monitoring well installations, and performing soils and groundwater sampling.

- Performed reviews/searches of regulatory records for legislation regarding hazardous materials use, hazardous materials and waste storage, and hazardous waste disposal; and conducted environmental compliance audits at industrial and commercial facilities.

- Assisted with preparation of compliance documentation (Hazardous Materials Business Plans and Spill Prevention, Control, and Countermeasures Plans).

- Performed or assisted with AHERA, modified AHERA, and comprehensive Asbestos Surveys in residential, commercial and industrial buildings.

- Performed modified HUD lead-based paint sampling utilizing wipe sampling and chip sampling techniques.

- Assisted with lead-based paint surveys using gamma ray spectrometer.

- Performed radon gas and lead in drinking water sampling surveys.

- Performed numerous Phase I ESAs in California. Specific properties for Phase I ESAs have included energy facilities, aerospace manufacturing facilities, an ink manufacturing facility, plastics manufacturing facilities, and a construction company equipment yard and maintenance facility (located within an oil field; with oil wells on-Site).

- Regulatory agency records reviews have included National Priority List (NPL; also known as Superfund) sites. Additional regulatory agency records reviews have been performed for cases pertaining to soil, soil gas, and/or groundwater impacted with hazardous substances that are overseen by regional (California Regional Water Quality Control Board [RWQCB] and local (City/County Environmental Health Departments) regulatory agencies. Specific property types for the cases have included a former oil refinery, existing and former landfills, dry cleaning facilities, gasoline/service stations, historical manufacturing facilities, and aerospace/related facilities.

PROFESSIONAL REFERENCES

Can be provided upon request.

TETRA TECH

Greg Acosta, PE

Vice President, Environmental Services

EXPERIENCE SUMMARY

Mr. Acosta is a registered Civil Engineer with 25 years of experience in conducting Environmental Site Assessments, Remedial Investigations, and Feasibility Studies, preparation of Remedial Action Plans and design and implementation of contaminated site remediations. He has extensive experience in the implementation and supervision of both site characterizations and cleanup activities. His experience includes large scale multi-property and corridor site assessments. He has directed large, regional environmental response contracts for public agencies, and has specialized experience providing environmental engineering services in support of brownfields redevelopment projects.

RELEVANT EXPERIENCE

ENVIRONMENTAL SITE ASSESSMENT:

On-Call Site Assessment Services, Riverside County Transportation Commission. Project Manager for on-call Phase I and Phase II Environmental Site Assessment services in support of ongoing rail and highway improvement projects in Riverside County. The overall scope of work included site assessments and investigations, Remedial Investigations / Feasibility Studies, remedial action planning, remediation design, post-remediation monitoring.

On-Call Environmental Site Assessment Services, Orange County Resources and Development Management Department, Prado Reservoir Basin. Project Manager for direction of Phase I and II Environmental Site Assessments of properties being impacted by the enlargement of the Prado Dam Reservoir Basin. Independent investigations were performed for various sites in Riverside and Orange Counties. Each investigation included review of historical records and information sources and site reconnaissance in accordance with ASTM standards and the specific requirements of the Orange County Public Facilities Resource Department. Where necessary, subsequent investigations were performed.

Environmental Investigation Services, Staples Center Development, Los Angeles, California. Project Engineer performing a Phase II investigation of various parcels in support of the construction of the Staples Center Arena in downtown Los Angeles. A Phase I investigation identified numerous locations of potential concern based on historical site usage. Subsequent Phase II work included drilling and collection of soil boring samples from several locations, both inside and adjacent to the former North Hall of the Los Angeles Convention Center. Also coordinated and oversaw the removal of three underground storage tanks during arena construction. This included coordination with the arena company, site construction personnel, and the Los Angeles City Fire Department to expedite removal and closure of three underground storage tanks.

EDUCATION

M.S., Univ. of California, Los Angeles, Environmental Engineering (1997)

B.S., California State Polytechnic University, Pomona, California, Civil Engineering (1989)

The Princeton Course on Groundwater Pollution and Hydrology

REGISTRATIONS/ AFFILIATIONS

Professional Civil Engineer Registered in the State of California, 1992 (#C 48725)

Arizona Department of Environmental Quality Pre-qualified UST Consultant Training/ Certifications

American Society of Civil Engineers

California Groundwater Association

National Groundwater Association

CERTIFICATIONS

40-Hour Hazardous Waste Operation/Emergency Response

8-Hour Hazardous Waste Operations Site Supervisor Training

OFFICE

Diamond Bar, California

YEARS OF EXPERIENCE

Since 1989

YEARS WITH TETRA TECH

Since 1989

Phase II Investigation, Union Station Parcel, Los Angeles, California. Project Manager overseeing a Phase II investigation of a portion of the Los Angeles Union Station property designated for development as the main offices for the Proposition 10 Children and Families First Commission which included a daycare center. Work included drilling and collection of soil boring samples from several locations, performance of a soil gas survey at the site, and development of recommendations regarding necessary remedial activities that would allow for the proposed development to proceed while mitigating any health risks at the site. The level of concern regarding this development was high given the mission statement of the Proposition 10 Commission and the partial use of the site as a daycare center.

On-Call Hazardous Material Support Services, Los Angeles County Metropolitan Transportation Authority. Project Manager for hazardous materials support services in support of the development of the MTA's rights-of-way and facilities in Southern California. Services provided have included Phase I and II environmental site assessments, asbestos and lead paint surveys and abatement design, and responses to emergency spills.

Phase I and II Site Investigation, Poso Creek Oil Field, Kern County, California. Project Engineer conducting a Phase I and II Investigation of inactive oil field and crude processing facilities north of Bakersfield, California. Tasks included sampling of surface and subsurface soils, crude processing sumps, and above and below ground tanks.

Phase I Environmental Site Assessment, Yuma Marine Corps Air Station, Yuma, Arizona. Project Manager conducting a Phase I Site Assessment of 55 contiguous assessor's parcels encompassing an area of approximately 1,640 acres adjacent to the existing MCAS in Yuma, Arizona. Investigations were conducted in support of a proposed expansion of the base.

Phase I Site Assessments, Former Convenience Store Properties. Performed limited Phase I site assessments for 11 Circle K properties throughout Orange and Los Angeles Counties.

PROFESSIONAL EXPERIENCE

1999 – Present:	Vice President, Environmental Services, Director, Environmental Services Division Tetra Tech BAS
1996 – 1999:	Project Manager, Bryan A. Stirrat & Associates
1994 – 1996:	Project Manager, Aman Environmental Construction, Inc.
1989 – 1994:	Project Engineer, Bryan A. Stirrat & Associates

APPENDIX G
PHASE I ESA SHELF LIFE SUMMARY

PHASE I ESA SHELF LIFE SUMMARY

Effective Date of the Phase I ESA Report:
March 27, 2020.

Date Site Inspection Reconnaissance was Performed:
February 27, 2020.

Dates Interviews were Performed:
Between February 21 and March 6, 2020.

Dates Records Reviews were Performed:
Between February 21 and March 23, 2020.

Date Lien Search was Performed:
Texas Environmental Research, 2020, Environmental Lien and Other Activity Use Limitations (AULs) Search, Parcel 0264-431-15-0000, San Bernardino County, California: dated February 24, 2020.

Shelf Life:
The shelf life (continued viability) of the Phase I ESA Report is pursuant to the time frame specified within ASTM Standard Practice E1527-13. Tetra Tech understands the ASTM time frame to be 180 days from the dates of the Site reconnaissance, interviews, records review, and environmental liens and other AULs searches.