

**PHASE I ENVIRONMENTAL
SITE ASSESSMENT
FORT ORD TRANSFER PARCELS
L20.16.1, L20.16.2, L20.16.3 AND
PORTIONS OF E2B3.2 AND L2.1
MONTEREY COUNTY, CALIFORNIA**

**File No. 109205
December 13, 2010**

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A Report Prepared for:

40 Clark Street, Suite J
Salinas, CA
93901

p| 831.755.7900
f| 831.755.7909

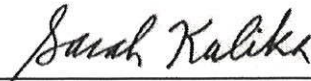
kleinfelder.com

Mr. Robert Scales
Parsons
100 Park Center Plaza, Suite 450
San Jose, California 95113

Mr. Gilberto Ruiz
Parsons
100 West Walnut Street
Pasadena, California 91124

**PHASE I ENVIRONMENTAL
SITE ASSESSMENT
FORT ORD PARCEL NUMBERS L20.16.1, L20.16.2, L20.16.3
AND PORTIONS OF PARCELS E2b3.2 AND L2.1
MONTEREY COUNTY, CALIFORNIA**

Kleinfelder Job No: 109205/ENV
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Sarah Kalika, PG
Project Geologist

Reviewed By:



Bradley G. Erskine, PhD, PG, CHG, CEG
Area Manager

KLEINFELDER WEST, INC.
40 Clark Street, Suite J
Salinas, California 93901
(831) 755-7900
(831) 755-7909 (facsimile)

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1. SUMMARY

A Phase I Environmental Site Assessment (ESA) was performed for four parcels identified as Fort Ord Track Parcels L20.16.1, L20.16.2, L20.16.3, and L2.1 and portions of adjacent parcel E2b.3.2. The main portion of the site is owned by the Transportation Agency of Monterey County and the rest is owned by the City of Marina. The site is located in the former Fort Ord, California (Plate 1). This report was prepared in general accordance with the American Society for Testing and Materials (ASTM), *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* E1527-05 and the All Appropriate Inquiry (AAI) section of the Small Business Liability Relief and Revitalization Act (the Federal Brownfields Law). The property is hereafter referred to as the “subject site”.

The subject site consists of mainly of four parcels over approximately 15 acres. The site is located mostly southwest of the intersection of 8th Street and 1st Avenue in Fort Ord and is currently occupied by the storage for Habitat for Humanity and storage for the Monterey Peninsula College (MPC) Theatre Department. The subject site has a history with activities associated with the Quartermaster’s receiving and storage of food and supplies for the base.

Kleinfelder’s Phase I ESA of the subject site revealed the following RECs associated with the site:

- Based on documented site use (gas station at northwestern end of site), there is the potential for leaked petroleum hydrocarbons to be present in site soils and groundwater in the area of the former gas station. Even though Fort Ord documents indicate that the tanks were removed under guidance of the MCEHD, letters of closure were not available. Based on information provided within the FOST, eleven 12,000-gallon USTs were in operation in the northwest corner of the site, indicated on Plate 2 as “former tank area.” Specifics for each tank are presented in Section 4.5.
- Three rail spurs were reportedly located on the site and, based on observations, remain on the site. Potential contamination associated with railroads includes

petroleum hydrocarbons, polychlorinated biphenyls (PCBs), pesticides, herbicides, polynuclear aromatic hydrocarbons (PAHs), and metals.

- A monitoring well established on the site indicates that there is a potential for impacted groundwater from the OU-2 plume (located to the north and northeast) to migrate beneath the site. In addition, the site is located within a restricted land use zone that prohibits drilling wells for drinking water or landscaping use.

In addition, while not considered to be RECs by definition, the following environmental conditions were revealed that could affect the site:

- A portion of the site is used for vehicle parking and storage. This area has a gravel cover over soil. Kleinfelder assumes that minor leaks have occurred from these parked vehicles, however, these small leaks are likely to be a *de minimis* condition that does not require additional investigation. In the event that leaks are determined to be significant based on other information, this conclusion should be re-evaluated.
- Paint and coatings that contain lead, such as Lead Based Paint (LBP), and building materials that contain asbestos, such as Asbestos Containing Materials (ACM), Asbestos Containing Building Materials (ACBM), and Asbestos Containing Construction Materials (ACCM), are specifically excluded from ASTM Standard 1527-05 and therefore have not been evaluated in this assessment. However, based on the age of the structures on the site, it is possible that paint and coatings that contain lead and materials that contain asbestos may be present. If structures at the project site are to be demolished or renovated, an asbestos and lead paint survey should be performed in accordance with Federal, State, and local regulations to comply with EPA and OSHA regulations.

Any data gaps, deviations, historical environmental conditions, and *de minimis* findings are discussed in Section 8 of this report. This report is subject to the limitations in Section 2.5.

2. INTRODUCTION

The following report is a summary of work performed in general accordance with the scope and limitations set forth in the ASTM Standard E-1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM Standard), the All Appropriate Inquiry (AAI) section of the Small Business Liability Relief and Revitalization Act (the Federal Brownfields Law), and our proposal to Parsons dated April 21, 2009, and revised May 14, 2009. This report also generally conforms to the ASTM Standard's suggested table of contents. This report is for the property located at 8th Street and 1st Avenue and the adjacent property to the south, located in former Fort Ord, California (together, the "site" or "subject site").

2.1 PURPOSE

The purpose of this Phase I ESA is to identify, to the extent feasible pursuant to the scope of work defined in our work order, and the limitations discussed in this report, RECs and other environmental issues related to the subject site. As defined in the ASTM Standard, a REC is:

The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

This report describes Kleinfelder's assessment methodology and documents our assessment findings, subject to the limitations presented in Section 2.5 of this report.

2.2 DETAILED SCOPE OF SERVICES

The following sections describe Kleinfelder's work scope:

- Section 2, **Introduction**, includes a discussion of the purpose/reason for performing the Phase I ESA, additional services requested by the Client (e.g., an evaluation of business environmental risk factors associated with the subject site), significant assumptions (e.g., property boundaries if not marked in the field), limitations, exceptions, and special terms and conditions (e.g., contractual), and user reliance parameters.
- Section 3, **Site Description**, is a compilation of information concerning the site location, legal description (if provided), current and proposed use of the subject site, physical setting, and geologic and hydrogeologic conditions.
- Section 4, **History of the Site**, summarizes the history of land use at the site and on adjoining properties. The history was developed by conducting interviews, reviewing information provided to Kleinfelder by the client and by consulting various resources such as aerial photographs, agency files, and historic maps.
- Section 5, **Records Review**, is a compilation of Kleinfelder's review of several databases available from the Federal, State, and local regulatory agencies regarding hazardous substance use, storage, or disposal at the subject site; and for off-site facilities up to a one-mile radius around the site.
- Section 6, **Site Reconnaissance**, describes Kleinfelder's site observations during the site reconnaissance and observations of adjacent parcels.
- Section 7, **Interviews**, is a summary of telephone and personal interviews conducted with "Key Site Managers" that may include the owner/manager of the facility, occupants/tenants, local government officials, and the Client. Additional interview sources may be contacted if "Key Site Managers" are not available prior to production of this report, and may include adjoining landowners and people with historical knowledge of the area.
- Section 8, **Evaluation**, is a presentation of our findings and conclusions regarding the information in Chapters 3 through 6; and presents our opinion

regarding the presence of Recognized Environmental Conditions of concern at the site.

- Section 9, **References**, is a summary of some of the resources used to compile this report.

The appendices contain certain pertinent documentation regarding the subject site. Appendix A presents site maps and photographs. Appendix B contains the qualifications of the environmental professionals responsible for the preparation of this report. Appendices C, D, and E contain supporting documentation for interview and regulatory agency documentation, historical records review, and database review records, respectively. Appendix F contains user-provided information.

2.3 SIGNIFICANT ASSUMPTIONS

The property boundaries were estimated for records searches and the site reconnaissance using maps provided by Parsons (Sheet LRT 17(C)).

2.4 LIMITATIONS AND EXCEPTIONS

Phase I ESAs are non-comprehensive by nature and are unlikely to identify all environmental problems or eliminate all risk. The attached report is a qualitative assessment. Kleinfelder offers a range of investigative and engineering services to suit the needs of our clients, including more quantitative investigations.

The scope of this ESA does not incorporate ASTM Standard non-scope considerations, such as asbestos in building materials or lead in paint, radon, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, high voltage power lines, indoor air quality, and vapor intrusion as a contributing indoor air quality issue.

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. It should be recognized that definition and evaluation of geologic and environmental conditions are a difficult and inexact science. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present due to the limitations of

data from field studies. Although risk can never be eliminated, more-detailed and extensive studies yield more information, which may help understand and manage the level of risk. Since detailed study and analysis involves greater expense, our clients participate in determining levels of service that provide adequate information for their purposes at acceptable levels of risk. More extensive studies, including subsurface studies or field tests, can be performed to reduce uncertainties. Acceptance of this report will indicate that Parsons has reviewed the document and determined that it does not need or want a greater level of service than provided.

Kleinfelder performed this environmental site assessment in general accordance with the guidelines set forth in the ASTM and AAI Standards, and the proposed scope subsequently approved by our Client. This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided. Environmental issues not specifically addressed in this report were beyond the scope of our services and not included in our evaluation.

This report may be used only by the Client and only for the purposes stated within a reasonable time from its issuance, but in no event later than 180 days from the date of the report (ASTM Standard, Section 4.6). Land or facility use, on- and off-site conditions, regulations, or other factors may change over time, and additional work may be required with the passage of time. Since site activities and regulations beyond our control could change at any time after the completion of this report, our observations, findings, and opinions can be considered valid only as of the date of the site visit.

During the course of the performance of Kleinfelder's services, hazardous materials may have been discovered. Kleinfelder assumes no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury that results from preexisting hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials. Nothing contained in this report should

be construed or interpreted as requiring Kleinfelder to assume the status of an owner, operator, or generator, or person who arranges for disposal, transport, storage or treatment of hazardous materials within the meaning of any governmental statute, regulation or order. Parsons or the property owner is solely responsible for directing notification of all governmental agencies, and the public at large, of the existence, release, treatment or disposal of any hazardous materials observed at the project site, either before or during performance of Kleinfelder's services. Parsons or the property owner is responsible for directing all arrangements to lawfully store, treat, recycle, dispose, or otherwise handle hazardous materials, including cuttings and samples resulting from Kleinfelder's services.

2.5 SPECIAL TERMS AND CONDITIONS

No special terms and conditions in addition to those discussed previously were agreed to by the Client and Kleinfelder in our work order for this project.

3. SITE DESCRIPTION

This section describes the condition of the site at the time the Phase I ESA was conducted and provides information about the site description and local geologic and hydrogeologic conditions.

3.1 SITE DESCRIPTION

The site consists of four adjacent parcels over 15 acres, and is in the same general configuration as it was when it was an operational station for the base's Quartermaster through its closure in 1994. The western and southern parcels are currently owned by the Transportation Agency of Monterey County (TAMC); the eastern parcel is owned by the City of Marina. The site is shown on Plates 1 and 2 in Appendix A.

The information presented in Table 3.1 describes the physical location of the subject site. This information was obtained from maps, public records, and interviews.

TABLE 3.1: SITE SETTING

DESIGNATION	DESCRIPTION
Address	There is no current address for the site.
Location	The southwest corner of the intersection of 8 th Street and 1st Avenue and other areas (see Plate 2) in former Fort Ord, California
Township & Range	Township 15 South, Range 1 East; Section 01
Assessor's Parcel Numbers	031-221-002-000, 031-221-003-000, 031-221-005-000, and 031-221-015-000
Approximate Acreage	Approximately 15 total acres
Current Use	Access to Fort Ord Dunes State Park; Rescue training area for Seaside Fire Department; Storage for Naval Postgraduate School; Storage for Monterey Peninsula College Theatre Department; Storage for Habitat for Humanity
Potable Water Supply	Marina Coast Water District
Waste Water System	Marina Coast Water District
USGS TOPOGRAPHIC QUADRANGLE Marina, California 7.5 Minute Series. 1947, photorevised 1983	Almost the entire site is approximately 100 feet above mean sea level (msl); the southern end of the site rises to approximately 120 feet msl. The subject site is shown as developed with roads and structures.
MUNGER MAP California Division of Oil, Gas, and Geothermal Resources Website Map Page (http://maps.conservation.ca.gov/doms/index.html)	There are no mapped oil wells or dry holes located on the subject site.

3.2 SITE SOILS

According to the information provided by the USDA web soil survey (<http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>) soils in the northern two-thirds of the subject site consist of Baywood sand (2 to 15 percent slopes) and soils in the southern one-third consist of Oceano loamy sand (2 to 15 percent slopes). The Baywood sand consists of somewhat excessively drained soils located on sand dune

toeslopes and rises. The Oceano loamy sand consists of excessively drained soils located on hill backslopes and side slopes.

3.3 REGIONAL AND LOCAL GEOLOGY

3.3.1 Regional Geology

The site lies within the Coast Range Geologic Province of California. This province is characterized by northwest-trending mountain ranges and intervening valleys, which are a reflection of the dominant northwest structural trend in bedrock of the region. In the vicinity of the project site within Monterey County, bedrock is comprised of granitic plutonic rocks of the late Mesozoic Salinian Block, which are similar in mineral composition, chemistry, and age to the central Sierran Batholith and are assumed to have been separated from the southern Sierra Nevada and transported north by the San Andreas Fault system (Harden, Deborah R., 1998, California Geology). The Salinian Block is fault bounded on the west by the Sur-Nacimiento fault and on the east by the San Andreas fault. Surface soils in the vicinity of the project site are composed of alluvium derived from granitic rock.

3.3.2 Local Geology

The project area is located on Older dune sands of Pleistocene age composed of coastal dunes with a maximum thickness of 82 feet consisting of weakly to moderately consolidated, moderately to well-sorted, silt and sand. The upper six meters are locally indurated by clay and iron oxide cementation in the weathered zone (Clark et al, 1997). The topography consists of generally flat areas surrounding and including the site.

3.4 GROUNDWATER

The California Department of Water Resources well data library (<http://www.water.ca.gov/waterdatalibrary/>) does not show any wells within six miles of the subject site. Research performed by EDR showed one well within one mile of the subject site, although depth to groundwater was not recorded. As part of the Base Realignment and Closure (BRAC) process at the Former Fort Ord, groundwater elevations in the northern portion of the military installation are being measured and reported on a quarterly basis. The most current, publicly-available report (MACTEC,

2009) reports that there is one well adjacent to the subject site, at which groundwater was measured at 95.89 feet below the top of the well casing (3.86 feet above mean sea level). Based on the contours presented by MACTEC, the groundwater gradient appears to be to the west-southwest toward the Monterey Bay in the A Aquifer, which is the shallowest of the aquifers in this area. General groundwater depth and direction may be influenced by local pumping, rainfall, and irrigation patterns. Evaluation of such factors is beyond the scope of this assessment.

4. HISTORY OF THE SITE

The history of the site was researched to identify obvious uses of the site from the present to first developed use or back to 1940, whichever is earlier. The objective was to evaluate the likelihood that past uses resulted in Recognized Environmental Conditions. Table 4.1 summarizes the information reviewed during this assessment. Kleinfelder used this information to establish the site history.

TABLE 4.1: HISTORICAL INFORMATION REVIEWED

HISTORICAL SOURCE	YEARS REVIEWED	AVAILABILITY
Aerial Photographs	1956, 1968, 1975, 1981, 1987, 1998, 2005	EDR
Topographic Maps	1913, 1947, 1948, 1968, 1974, 1983.	EDR & USGS
Sanborn Fire Insurance Maps	None Available	EDR
Building Department Records	None Available	FORA
Previous Assessments	September 2003	(adjacent) Kleinfelder, Phase II Environmental Site Assessment
	January 2004	(adjacent) Environmental Science Associates, Draft Environmental Impact Report
	July 2008	(adjacent) Denise Duffy & Associates, Draft Environmental Impact Report
City Directories	None Available	EDR
EDR Environmental Liens	None Available	EDR

4.1 AERIAL PHOTOGRAPHS

A review of historical aerial photography may indicate past activities at a site that may not be documented by other means or observed during a site visit. The effectiveness of this technique depends on the scale and quality of the photographs and the available coverage. Aerial photographs were obtained from several historical photograph collections through EDR. Copies of the aerial photographs obtained by Kleinfelder are included in Appendix D.

1956

The site is shown as developed with paved roads and parking areas surrounding most of the structures. A rail spur is visible entering the southwestern corner of the site and splitting into two spurs: one running along the western side of the site, and the other running through the middle of the site; both extending almost to 8th Street. Twenty structures, likely warehouses, are visible on the subject site, as are what appear to be rail cars on the spur line through the middle of the site. Most of the buildings are visible in three rows oriented north-south. Objects that appear to be automobiles are visible on empty lots at the northern and southern ends of the easternmost row of buildings.

State Highway 1 is visible on the western border of the subject site, as is the railroad beyond it. The properties to the north, east, and south of the subject site are developed with paved roads and structures. Roads in the locations of the present-day 8th Street and 1st Avenue are visible.

1968

The quality of this photo is poor. A 21st structure is visible on the subject site near the northern end of the westernmost row of buildings. Another structure appears to have been added to the property adjacent to the east side of the northernmost part of the site. Structures that appear to be a wastewater treatment plant are visible approximately 450 feet northwest of the site (across State Highway 1 and the railroad tracks). Otherwise, the surrounding properties appear to be essentially unchanged from the 1956 photo.

1975

The quality of this photo is poor. The subject site and surrounding properties appear to be essentially unchanged from the 1968 photo.

1981

The quality of this photo is poor. The building first visible in the 1968 photo appears to have been replaced by a larger structure. Buildings on a property approximately 1800 feet east of the site appear to have been replaced by other buildings. Otherwise, the site and surrounding properties appear to be essentially unchanged from the 1975 photo.

1987

The quality of this photo is very poor. The building first visible in the 1981 photo is no longer visible. Demolition of additional buildings and adding others appears to have happened on the property approximately 1,800 feet east of the site. Otherwise, the subject site and surrounding properties appear to be essentially unchanged from the 1981 photo.

1998

The subject site and surrounding properties appear to be essentially unchanged from the 1987 photo.

2005

The subject site and surrounding properties appear to be essentially unchanged from the 1998 photo.

4.2 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance Maps provide historical land use information for some metropolitan areas and small, established towns. Sanborn maps were not available for this site.

4.3 HISTORICAL TOPOGRAPHIC MAPS

Kleinfelder obtained information regarding historical topographic map of the site vicinity from EDR. The topographic maps reviewed for this assessment are summarized below. Copies of the maps are included in Appendix D.

MONTEREY, 15 Minute Series, 1913, 1 inch = 5,208 feet

The area around the subject site is depicted as undeveloped and denoted as the Lands of Monterey. The Southern Pacific Rail Road line west of the site is visible, as are a paved road to the east and a paved road (indicated on the map by a solid line) to the west along the coastline.

MONTEREY, 15 Minute Series, 1947, 1 inch = 5,208 feet

The subject site is shown as developed, with 15 structures and a railroad spur on the site, and denoted as part of the Main Garrison portion of Fort Ord. The railroad spur appears to split from the main line and cross State Highway 1 southwest of the site, enter the site at its southwestern corner, continue past a road in the location of the present-day 8th Street, cross the northern site boundary, and then re-cross State Highway 1 and rejoin the main line. State Highway 1 is shown on the map at its present-day location west of the subject site and east of the railroad. Additional structures and paved roads are shown to the north, east and south of the site.

MARINA, 7.5 Minute Series, 1948, 1 inch = 2,083 feet

The subject site is shown with 20 structures. On this map, the rail spur is depicted as splitting into three spurs on the site: one that runs along the western side of the westernmost row of buildings and terminates after passing the fourth building; one that runs along the eastern side of the westernmost row of buildings and terminates just after that row; and one that runs along the western side of the middle row of buildings, crosses 8th Street, and then crosses State Highway 1 and rejoins the main line. A sewage disposal plant is depicted northwest of the site, across State Highway 1 and the railroad tracks. Otherwise, the site and surrounding areas appear unchanged from the 1947 topographic map.

MARINA, 7.5 Minute Series, 1947 photorevised 1968, 1 inch = 2,000 feet

The subject site is shown as essentially unchanged from the 1948 topographic map. Additional development is depicted in other areas on Fort Ord and in an area south of the site labeled Noche Buena. The sewage disposal plant is not shown on this map.

MARINA, 7.5 Minute Series, 1947 photorevised 1974, 1 inch = 2,000 feet

The subject site is shown as essentially unchanged from the 1968 topographic map, with the exception that a major paved east-west road that formerly passed through the southern portion of the subject site is no longer shown on the map. Additional development is depicted on and off of Fort Ord. No other changes on surrounding properties are depicted.

MARINA, 7.5 Minute Series, 1947 photorevised 1983, 1 inch = 2,000 feet

The subject site and surrounding properties are shown as essentially unchanged from the 1974 topographic map.

4.4 BUILDING DEPARTMENT RECORDS

Because both Seaside and Marina have jurisdiction in this portion of Fort Ord, Kleinfelder contacted both their planning departments to obtain records related to site development. Because the base remained a federal property until the early 1990s with no construction at the subject site since the base's closure, there were no files available for review from the planning departments of Marina or Seaside.

4.5 PREVIOUS ASSESSMENTS

Fort Ord Redevelopment Agency (FORA) Parcel Transfer Documents

According to the FORA Parcel transfer documents, the subject site is made up of three Transfer Parcels: 16.1, 16.2, and 16.3. According to these documents, seven storehouses were built on the subject site in 1940, six warehouses were built in 1941, five structures associated with a gas station were built in 1941, and an additional warehouse was built in 1953. An administration building was also listed on the subject site, but no construction date was noted. Due to the age of the structures, lead-based paint and asbestos-containing building materials are likely to be encountered.

Based on the most recently-available quarterly groundwater monitoring report, a groundwater contamination plume exists adjacent to, and north of, the subject site (MACTEC, 2009). This plume is defined by trichloroethene (TCE) and is assumed to be a result of historical use and improper disposal of solvents in the Site 12 area. A groundwater treatment system is being operated to contain and remediate the Site 2/12 TCE plume.

Phase II Environmental Site Assessment, Kleinfelder, 2003

Kleinfelder performed a Phase II Environmental Site Assessment along the railroad alignment to the west of the subject site in 2003. In the area of the subject site, metals and diesel-range organics were not found in excess of regulatory limits. Chlorinated herbicides and creosote concentrations were reported to be below laboratory detection limits. The top two feet of soil excavated for these samples was classified as fine- to medium-grained, low plasticity, clayey sand (Kleinfelder, 2003).

Draft Environmental Impact Report, Environmental Science Associates, 2004

A DEIR was also prepared for the property adjacent to, and west of, the subject site (Environmental Science Associates, 2004). This DEIR noted that this property adjacent to the subject site was used by the military as a firing range. The dune soils have been remediated, and the DEIR stated that human health risks and hazards posed by residual metals from the firing ranges were considered unlikely. The DEIR also stated that cleanup of oil and petroleum-impacted soils along the railroad line has been completed. The DEIR noted the likely presence of lead-based paint and asbestos-containing building materials in any structures, and also described the presence of a groundwater contamination plume.

Draft Environmental Impact Report, Denise Duffy & Associates, 2008

A Draft Environmental Impact Report (DEIR) was prepared for the property adjacent to, and south of, the subject site (Denise Duffy & Associates, 2008). The DEIR identified this property adjacent to the subject site as a former motor pool which had been adequately remediated. The DEIR also noted the potential for lead-based paints, asbestos-containing building materials, and ordnance and explosives to be present on the property, based on its history and age. The possible presence of a groundwater contamination plume under the property was also stated.

Finding of Suitability to Transfer (FOST) Track 0 Parcels, Fort Ord, California, May 2003, by Thomas Lederle, DA BRAC

The following information was presented within the FOST, which discusses four of the five parcels located at the site. A copy of the FOST and applicable appendices is included in Appendix C.

Parcel: L20.16.1

- Categorized as Environmental Condition of Property (ECP) Category 3, which consists of “areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial response”
- Recipient: Monterey County, for use as RR Spur Intermodal Warehouses
- Acreage: 3.9 acres
- Structures: 6 warehouses, constructed in 1941, building numbers: 2060, 2061, 2062, 2063, 2064, 2065. Asbestos is present at each structure. Lead-based paint is assumed for each structure based on date of construction.
- Subsurface concerns: Migration of VOCs from RI sites 2 and 12 groundwater plume, but at concentrations that do not require a remedial response.
- Applicable Environmental Protection Provision Notices:
 - Notice of contaminated groundwater
 - Notice of hazardous substance storage, release or disposal
 - Notice of the potential for ordnance and explosives
 - Notice of the presence of asbestos
 - Notice of the presence of lead-based paint
 - Notice of the presence of PCBs

Parcel: L20.16.2 (southern portion of parcel is within subject site boundaries)

- Categorized as ECP Category 4, which consists of “areas where release, disposal, and/or migration of hazardous substances has occurred, and all removal or remedial actions to protect human health and the environment have been taken”
- Recipient: Monterey County, for use as RR Spur Intermodal Trans
- Acreage: 10.6 acres
- Structures:

- 7 storehouses, constructed in 1940, building numbers: 2030, 2031, 2032, 2033, 2034, 2035, 2036;
- 5 gas station structures, constructed in 1941, building numbers: 2037, 2039, 2040, 2041, 2042;
- 1 warehouse, constructed in 1953, building number: 2071;
- 1 administration building, constructed at an unknown date, building number: R203
- Subsurface concerns:
 - Migration of VOCs from RI sites 2 and 12 groundwater plume at concentrations exceeding MCLs¹.
 - Underground storage tanks, removed from the site (see table below):

Building	UST Contents & Size	Operational Years & Evidence for release	Removal	Closure Granted by MCDOH
2037.1	Diesel 12,000-gallon	About 1941 to 1996 No evidence of petroleum release	January 1996	January 1997
2037.2	Gasoline 12,000-gallon	About 1941 to 1996 No evidence of petroleum release	January 1996	January 1997
2038.1	Diesel 12,000-gallon	About 1941 to 1995 No evidence of petroleum release	June 1995	April 2000
2038.2	Diesel 12,000-gallon	About 1941 to 1995 No evidence of petroleum release	June 1995	April 2000
2039.1	Diesel 12,000-gallon	About 1941 to 1996 No evidence of petroleum release	January 1996	January 1997
2039.2	Gasoline 12,000-gallon	About 1941 to 1996 No evidence of petroleum release	January 1996	January 1997

¹ *HOWEVER, this applies to the northern portion of the parcel that is not within the subject site boundaries.*

2040.1	Diesel 12,000-gallon	About 1941 to 1996 No evidence of petroleum release	January 1996	January 1997
2040.2	Diesel 12,000-gallon	About 1941 to 1996 No evidence of petroleum release	January 1996	January 1997
2041.1	Diesel 12,000-gallon	About 1941 to 1996 No evidence of petroleum release	January 1996	January 1997
2041.2	Gasoline 12,000-gallon	About 1941 to 1996 No evidence of petroleum release	January 1996	January 1997
2042.1	Kerosene 12,000-gallon	About 1941 to 1993 No evidence of petroleum release	October 1993	April 1994

- Applicable Environmental Protection Provision Notices:
 - Notice of contaminated groundwater
 - Notice of hazardous substance storage, release or disposal
 - Notice of the potential for ordnance and explosives
 - Notice of the presence of asbestos
 - Notice of the presence of lead-based paint
 - Notice of the presence of PCBs

Parcel: L20.16.3

- Categorized as Environmental Condition of Property (ECP) Category 3, which consists of “areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial response”
- Recipient: Monterey County, for use as RR Spur Intermodal 8th Street
- Acreage: 0.1 acres
- Structures: No structures (railroad spur & 8th Street)
- Subsurface concerns: Migration of VOCs from RI sites 2 and 12 groundwater plume, but at concentrations that do not require a remedial response.
- Applicable Environmental Protection Provision Notices:
 - Notice of contaminated groundwater

- Notice of hazardous substance storage, release or disposal
- Notice of the potential for ordnance and explosives

Parcel: E2B.3.2

- Categorized as Environmental Condition of Property (ECP) Category 3, which consists of “areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial response”
- Recipient: FORA, for use as right of way for 8th Street
- Acreage: 0.1 acres
- Structures: No structures (ROW 8th Street)
- Subsurface concerns: Migration of VOCs from RI sites 2 and 12 groundwater plume, but at concentrations that do not require a remedial response.
- Applicable Environmental Protection Provision Notices:
 - Notice of contaminated groundwater
 - Notice of hazardous substance storage, release or disposal
 - Notice of the potential for ordnance and explosives

Finding of Suitability for Transfer (FOST) Blanco Road Parcel, Former Fort Ord, California, June 1993, by Toni B. Wainwright, US Army TRADOC

Kleinfelder reviewed this FOST, which was described on the fortordcleanup.com website to contain information on the Blanco Road and Building 2058 parcel transfers, however, upon review of this document, the structure at the site labeled Building 2058 is not included. Kleinfelder was unable to obtain additional information regarding parcel L2.1 or Building 2058, however, based on the usage, construction years, and concerns of the structures on the site to the north (belonging to parcels L.20.16.1 and L.20.16.2) Kleinfelder assumes that parcel L2.1 and structure have similar environmental concerns.

4.6 CITY DIRECTORIES

Since the subject site did not have a standard US Post Office address, and would not have been listed in the City Directories, a City Directory search was not performed.

4.7 PRELIMINARY TITLE REPORT

Kleinfelder was not provided a preliminary title report for the site prior to the completion date of this report.

4.8 ENVIRONMENTAL LIENS

EDR was unable to obtain an environmental lien report for the subject site.

4.9 VALUE REDUCTION

As part of the ASTM E 1527-05 process, information must be gathered regarding the prospective purchase price of the property relative to the fair market value of the subject site. If there appears to be a value reduction, that reduction must be identified with respect to whether the difference could be attributed to environmental degradation of the property. At this time, the project is in the feasibility stage. Purchase price has not yet been evaluated. As such, a comparison of purchase price to fair market value cannot be made.

5. RECORDS REVIEW

5.1 REGULATORY AGENCY DATABASE REVIEW

The purpose of the records review is to obtain and review records that would help to reveal Recognized Environmental Conditions in connection with the subject site and bordering properties.

Federal, State and local regulatory agencies publish databases or “lists” of businesses and properties that handle hazardous materials or waste, or are known locations of a release of hazardous substances. These databases are available for review or purchase at the regulatory agencies, or they can be obtained through a commercial database service. Kleinfelder contracted with a commercial database service, Environmental Data Resources, Inc., to review the agency lists for references to the site and any listings within the appropriate ASTM minimum search distance from the site. The federal and state databases reviewed are summarized on Table 5.1.

TABLE 5.1: RECORDS REVIEWED/SEARCH DISTANCES

STANDARD ENVIRONMENTAL RECORDS

Database	Search Radius
NPL (National Priority List)	1-mile
Proposed NPL	1-mile
NPL LIENS	Site
Delisted NPL	1-mile
CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System)	1/2-mile
FEDERAL FACILITY	1-mile
CERC-NFRAP	1/2-mile
CORRACTS (Corrective Action Activity)	1-mile
RCRA-TSDF (Resource Conservation and Recovery Act Treatment Storage and Disposal Facility)	1/2-mile
RCRA-LQG (Resource Conservation and Recovery Act Large Quantity Generator)	1/4-mile
RCRA-SQG (Resource Conservation and Recovery Act Small Quantity Generator)	1/4-mile
RCRA-CESQG	1/4-mile
US ENG CONTROLS (U.S. Engineering Controls)	1/2-mile

Database	Search Radius
US INST CONTROL (U.S. Institutional Controls)	1/2-mile
ERNS	Site
RESPONSE	1-mile
ENVIROSTOR	1-mile
SWF/LF (Solid Waste Facilities/Landfill Sites)	1/2-mile
LUST (Leaking Underground Storage Tank)	1/2-mile
SLIC	1/2-mile
INDIAN LUST	1/2-mile
UST	1/4-mile
AST	1/4-mile
INDIAN UST	1/4-mile
FEMA UST	1/4-mile
INDIAN VCP	1/2-mile
VCP	1/2-mile

ADDITIONAL ENVIRONMENTAL RECORDS

Database	Search Radius
US BROWNFIELDS	1/2-mile
ODI	1/2-mile
DEBRIS REGION 9	1/2-mile
WMUDS/SWAT	1/2-mile
SWRCY (California Recycling Facilities)	1/2-mile
HAULERS	Site
INDIAN ODI	1/2-mile
US CDL	Site
HIST Cal-Sites	1-mile
SCH	1/4-mile
Toxic Pits	1-mile
CDL	Site
US HIST CDL	Site
CA FID UST	1/4-mile
HIST UST (Historical Underground Storage Tank)	1/4-mile
SWEEPS UST (Statewide Environmental Evaluation and Planning System Underground Storage Tank)	1/4-mile
LIENS 2	Site
LUCIS	1/2-mile
LIENS	Site
DEED	1/2-mile
HMIRS	Site
CHMIRS	Site
LDS	Site

Database	Search Radius
MCS	Site
RCRA-NonGen	1/4-mile
DOT OPS	Site
DOD (Department of Defense)	1-mile
FUDS	1-mile
CONSENT	1-mile
ROD (Record of Decision)	1-mile
UMTRA	1/2-mile
MINES	1/4-mile
TRIS	Site
TSCA	Site
FTTS	Site
HIST FTTS	Site
SSTS	Site
ICIS	Site
PADS	Site
MLTS	Site
RADINFO	Site
FINDS	Site
RAATS	Site
CA BOND EXP. PLAN	1-mile
CA WDS	Site
NPDES	Site
Cortese	1/2-mile
HIST CORTESE	1/2-mile
Notify 65	1-mile
DRYCLEANERS	1/4-mile
WIP	1/4-mile
HAZNET	Site
EMI	Site
INDIAN RESERV	1-mile
SCRD DRYCLEANERS	1/2-mile
PROC	1/2-mile
MWMP	1/4-mile
COAL ASH DOE	Site
PCB TRANSFORMER	Site
HWT	1/4-mile
HWP	1-mile
COAL ASH EPA	1/2-mile

EDR PROPRIETARY RECORDS

Database	Search Radius
Manufactured Gas Plants	1-mile

(Databases shown in bold contained one or more facility listing within the search radius specified.)

A summary of facilities listed in the databases is presented in the executive summary of the EDR report, and each facility is cross-referenced with a radius map showing the location of the listed facility with respect to the subject property. Kleinfelder conducted a review of the EDR report to assess which listings have a significant potential to impact the subject property. Factors used to screen the listed properties include distance to the site, geology, presumed or known direction of groundwater flow, type and magnitude of hazardous material release, and nature of sensitive receptors. A copy of the EDR report is included in Appendix E of this report.

5.2 RESULTS OF DATABASE SEARCH

The database report contained four listings, two of which are referred to as Fort Ord, within the applicable search distances. Kleinfelder reviewed the information in the database report; this information is summarized below.

- The Former Fort Ord, which includes the site, was listed in the databases as a DOD site; as a RCRA treatment, storage and disposal facility; as being on the Final NPL list; in CERCLIS documenting all BRAC closure and remediation activities; in CORRACTS for the remediation activities; as a RCRA large-quantity generator; in US Engineering Controls for the various RODs; in US Institutional Controls for the groundwater use restriction due to contamination plumes; in ROD for a record of decision; PADS; and FINDS.

Wastes generated and stored onsite included batteries, lamps, pesticides, ignitable wastes, corrosive wastes, reactive wastes, arsenic, cadmium, chromium, lead, mercury, silver, benzene, and tetrachloroethene (PCE). Approximately 30 violations were reported from 1987 to 1997.

Groundwater contamination with PCE, carbon tetrachloride, 111,-trichloroethane, and trichloroethene (TCE) was reported. See Section 4.5 for further discussion.

- Building 4493 8th Avenue on Fort Ord is listed in the LUST database for a leaking diesel underground storage tank discovered during tank closure and removal. The contaminated soil was removed and treated, and the file was closed in December 1998. According to the EDR report, this location is located in the presumed down-gradient direction from the subject site and, therefore, is not considered likely to impact the subject site.
- University Villages (VCA), 8th Street/1st Street in Marina is listed in the Envirostor database because the former Fort Ord was listed as a Federal Superfund site. According to a “No Further Action” letter from the California Department of Toxic Substances Control (DTSC) to Shea Homes Limited Partnership obtained from DTSC, a removal action was performed to remove soil impacted by lead-based paint (LBP). According to the EDR report, University Villages is approximately 700 feet northeast of the site.

Sites not plotted by EDR due to poor or inadequate address information are referred to as orphan sites. There are 25 unmapped sites in the EDR Report. The orphan summary/unmapped sites report was reviewed to assess the potential for off-site properties to be listed on databases that fall within the ASTM search distances. Based on our review, these orphan sites appear to be already discussed within the database listings, to be outside of the ASTM search distances or lacked sufficient address information to determine the location. Facilities lacking address information are not readily available based on the ASTM standard.

5.3 REGULATORY AGENCY CONTACTS

The following additional sources of environmental records were reviewed during this Phase I ESA for the purposes of meeting the ASTM Standard. Local regulatory agencies were contacted for reasonably ascertainable and practically reviewable documentation regarding RECs present at the subject site and adjoining facilities (Interview documentation is included in Appendix C). The following agencies were contacted for documentation:

- Air Quality District
- City Building and Planning Department
- County Environmental Management/Health Department
- City/County Fire Department
- County/State Office of Emergency Services
- State Water or Environmental Quality Agency
- State Fire Marshal, Pipeline Safety Office
- Regional Water Board
- City or Municipal Utility District
- City or Municipal Water District

Several of the agencies listed above were not contacted because information from the agency is listed in one or more of the regulatory databases reviewed by EDR, Inc. and summarized in the EDR Radius Map report (see Appendix B). The State Division of Oil and Gas was not contacted because information concerning oil and gas fields was obtained from published maps available in the EDR report. Map findings are discussed in Table 4-2. Information/responses from the agencies contacted is presented below:

City of Seaside's Building and Planning Departments

Kleinfelder spoke with Mr. Rick Medina of Seaside's Planning Department about files related to the subject site. According to Mr. Medina, there were no files relating to the site with in the City's records.

Marina and Seaside Fire Departments

Kleinfelder contacted Marina and Seaside Fire Departments to request relevant records for the subject site. According to Chief Hinley of the Marina Fire Department and Katherine of the Seaside Fire Departments, no files are available for the subject site.

Monterey County Environmental Health Department

The Monterey County Department of Environmental Health Department was contacted regarding files for the site. According to Bronwyn Feikert and Diane Bernal, there are no files are available for the subject site. They referred Kleinfelder to BRAC and FORA contacts for more information.

Fort Ord Reuse Authority and Base Realignment and Closure Office

Kleinfelder contacted Melissa Broadston and Rob Robinson for in-house files related to the subject site. They referred Kleinfelder to www.fortordcleanup.com and the Finding of Suitability for Transfer (FOST) report for more information about the site. The FOST reports are summarized in Section 4.5 Previous Assessments.

State Fire Marshall, Pipeline Safety Division

Lisa Dowdy of the State's Pipeline Safety Division was contacted about any natural gas pipelines within the ASTM search radii. According to Ms. Dowdy, there are no records within her office of pipelines at or adjacent to the subject site.

Regional Water Quality Control Board

Kleinfelder spoke with Mr. Grant Himbaugh of the RWQCB, who explained that the site falls within a "groundwater protection zone" where the drilling of wells is prohibited. He referred us to the Fort Ord Reuse Authority for additional information on the land use restriction.

Pacific Gas & Electric

Kleinfelder contacted Christian Kuhn of Pacific Gas and Electric (PG&E) to see if PG&E had easements on the site. Mr. Kuhn replied that there are none for the subject site, but a pipeline did run along the east side near 2nd Avenue.

The Marina Coast Water District

According to Mr. Gary Rogers, the MCWD maintains the on-site potable water source. The MCWD also maintains the storm drains and runoff control measures at the site.

Monterey Bay Unified Air Pollution Control District

Kleinfelder contacted Ms. Cindy Searson of the Monterey Bay Unified Air Pollution Control District (MBUAPCD). According to Ms. Searson, there are no files for the site.

6. SITE RECONNAISSANCE

Kleinfelder's assessment activities included a site reconnaissance. This section summarizes the findings from the site reconnaissance.

6.1 METHODOLOGY AND LIMITING CONDITIONS

Kleinfelder representative Jim Woodard conducted a site reconnaissance on March 22, 2010, to assess and photograph present site conditions. The approximate site boundaries are shown on Plates 2 & 3, and color photographs of the site are shown on Plates 4 and 5. Site conditions discussed below are limited to readily apparent environmental conditions observed on the date of site reconnaissance.

6.2 ON-SITE OBSERVATIONS

The subject site consists of series of 13 buildings (the seven buildings comprising the westernmost row of buildings in aerial photographs are no longer present) within subject site area. Site access is by means of 2nd Avenue and following the detour signs to the south side of the site.

Structures and improvements include 13 buildings near the southeast corner of the site and chain-link fencing enclosing the loading areas along Quartermaster Avenue. Storm drains and fire hydrants were observed throughout the site.

The rail spurs are visible at the south end of the site; however, the railways are paved over with asphalt concrete on the rest of the site.

In general, most of the buildings were secured with pad locks to prevent dumping and trespassing into the vacant buildings. Hazardous materials were not observed in buildings that were open for viewing.

Building 2071 on the north end of the site was open and showed signs of its use as a rescue training area for local fire departments. Numerous burned wood structures and furniture were observed in the building. No fuel or other hazardous substances were observed in the building.

One monitoring well was observed on site near Building 2071.

A pipeline marker was observed at the southeast corner of the site, near 2nd Avenue.

Faded, cracked, and flaking paint was observed on all onsite buildings.

In addition, Mr. Woodard observed dumped debris and discarded garbage such as old tires and broken concrete debris near the south end of the site.

Site observations are summarized in Table 6.1.

TABLE 6.1: SITE OBSERVATIONS

General Observations	Remarks	Observed	Not Observed
Hazardous chemical and petroleum products in connection with known use.			X
Fill dirt from an unknown source.	2 piles located near road on western half of the site.	X	
Aboveground storage tanks (ASTs)	Open area, but no on-site markers for former tank locations		X
Underground storage tanks (USTs)	Open area, but no on-site markers for former tank locations, see approximate locations identified by Kleinfelder on Photo 4.2		X
Odors			X
Pools of Liquid	Water from recent rain	X	
Drums			X
Hazardous chemical and petroleum products in connection with unknown use.			X
Unidentified substance containers			X

TABLE 6.1 (CONTINUED)
SITE OBSERVATIONS

Interior and exterior observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products.		Observed	Not Observed
Chemical storage or agricultural chemical mixing areas			X
Polychlorinated biphenyls (PCBs)			X
Pits, Ponds, or Lagoons			X
Stained soil or pavement		X	
Stressed vegetation			X
Hazardous Waste Storage			X
Solid Waste	Construction-related debris in parking area spaces.	X	
Waste Water			X
Process waste water			X
Wells	On-site monitoring well owned by FORA	X	
Dry wells			X

**TABLE 6.1 (CONTINUED)
SITE OBSERVATIONS**

Interior and exterior observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products.		Observed	Not Observed
Surface water	Some puddles from recent rain	X	
Storm basins/catch			X
Storm drains		X	
Drains and sumps			X
Septic system			X
Loading and unloading areas	Along 1 st Avenue and Quartermaster Avenue	X	
Burned or buried debris	Burned debris observed within Building 2071; used as a training area for the Seaside and Marina Fire Departments	X	

6.3 OFF-SITE OBSERVATIONS

Kleinfelder conducted a brief drive-by survey of the parcels adjacent to the site on the same day as the site reconnaissance. A summary of the off-site properties is summarized in the following table:

**TABLE 6.2
SURROUNDING PROPERTIES**

North	Boarded up barracks building owner by Fort Ord developers
South	Gradual incline to landscape area and fenceline
East	2 nd Avenue and boarded-up barrack buildings
West	Paved bike trail and access to local beach park

7. INTERVIEWS

Kleinfelder requested a list of “Key Site Managers” for the project. Due to the nature of the project, which is in the initial feasibility stage, Key Site Managers were not available to interview.

7.1 INTERVIEW WITH OWNER/MANAGER

At the client’s request, Kleinfelder did not attempt to interview the building owner.

7.2 INTERVIEW WITH OCCUPANTS

At the client’s request, Kleinfelder did not attempt to interview building occupants.

7.3 INTERVIEW WITH CLIENT

Client did not provide a person with knowledge of the site to interview.

7.4 INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

Local government officials were contacted to obtain further information about environmental enforcement actions pending or ongoing at the site and adjacent facilities, or relevant permits (e.g. building, air quality, well abandonment, etc.) for the site and adjoining properties.

Kleinfelder’s conversations with government officials are summarized in Section 5.3 Regulatory Agency Contacts.

8. EVALUATION

Kleinfelder performed this Phase I ESA in general accordance with the scope and limitations of ASTM Practice E-1527-05 and the All Appropriate Inquiry (AAI) section of the Small Business Liability Relief and Revitalization Act (the Federal Brownfields Law). The purpose of this assessment was to evaluate the likelihood of RECs or other environmental conditions resulting from the present or past usage, storage, or disposal of hazardous substances or petroleum hydrocarbons at the subject site and in the surrounding area. Kleinfelder's findings and conclusions are presented below.

8.1 FINDINGS

The subject site consists of three parcels, Monterey County Assessor's APN 031-221-014, 031-122-003, and a portion of 031-221-005. All three parcels are located on the former Fort Ord, and are developed with 13 structures, paved roads and parking areas. The remaining structures were used as warehouses, storehouses and an administrative building. A set of railroad spurs on the subject site were used to supply the warehouses.

Kleinfelder's Phase I ESA of the subject site revealed the following RECs associated with the site:

- Based on documented site use (gas station at southern end of site), there is the potential for leaked petroleum hydrocarbons to be present in site soils and groundwater in the area of the former gas station. Even though Fort Ord documents indicate that the tanks were removed under guidance of the MCEHD, letters of closure were not available. Based on information provided within the FOST, eleven 12,000-gallon USTs were in operation in the northwest corner of the site, indicated on Plate 2 as "former tank area." Specifics for each tank are presented in Section 4.5.
- Three rail spurs were reportedly located on the site and, based on observations, remain on the site. Potential contamination associated with railroads includes petroleum hydrocarbons, polychlorinated biphenyls (PCBs), pesticides, herbicides, polynuclear aromatic hydrocarbons (PAHs), and metals.

- A monitoring well established on the site indicates that there is a potential for impacted groundwater from the OU-2 plume (located to the north and northeast) to migrate beneath the site. In addition, the site is located within a restricted land use zone that prohibits drilling wells for drinking water or landscaping use.

8.2 OTHER ENVIRONMENTAL ISSUES

Although not considered RECs by definition, the following other environmental conditions are described below:

- A portion of the site is used for vehicle parking and storage. This area has a gravel cover over soil. Kleinfelder assumes that minor leaks have occurred from these parked vehicles, however, these small leaks are likely to be a *de minimis* condition that does not require additional investigation. In the event that leaks are determined to be significant based on other information, this conclusion should be re-evaluated.
- Lead-based paint (LBP) and asbestos-containing materials (ACM) are outside our scope of work. However, based on the age of the structures, LBP and ACM could be present in or on structures on the site. A survey of LBP and ACM would need to be performed to confirm or deny the presence of these materials.

8.3 DEVIATIONS AND ADDITIONAL SERVICES

The scope of this ESA does not incorporate ASTM Standard non-scope considerations, such as asbestos/lead-based paint, radon, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, high voltage power lines, indoor air quality, and therefore vapor intrusion as a contributing indoor air quality issues.

8.4 CONCLUSIONS AND RECOMMENDATIONS

Kleinfelder identified RECs related to the potential for release of petroleum hydrocarbons and other hazardous materials from on-site sources. Off-site sources may include the potential TCE plume north of the subject site. Kleinfelder recommends that this report be updated to include interviews with the owner and occupants and a complete site reconnaissance. The additional information should be used to establish a

soil and groundwater sampling strategy to assess actual impacts to soil and groundwater. Additional work may also be recommended depending on the results of the interview and reconnaissance.

8.4.1 Data Gaps

Although Kleinfelder attempted to obtain reasonably ascertainable information regarding the site, some information was either not received or not readily available at the time of this report. Therefore, consistent with ASTM Standard Practice E-1527-05, the following data failure (data gaps) have been identified:

- Kleinfelder was unable to obtain an EDR lien search report for the site.
- Kleinfelder was unable to interview the client, due to confidentiality issues of this project.
- Kleinfelder did not attempt to interview the current tenants from the Seaside Fire Department, Marina Fire Department, the Naval Postgraduate School, and Habitat for Humanity.
- Kleinfelder did not access the buildings' interiors of all on-site buildings during the site reconnaissance, due to the confidentiality issues of this project.

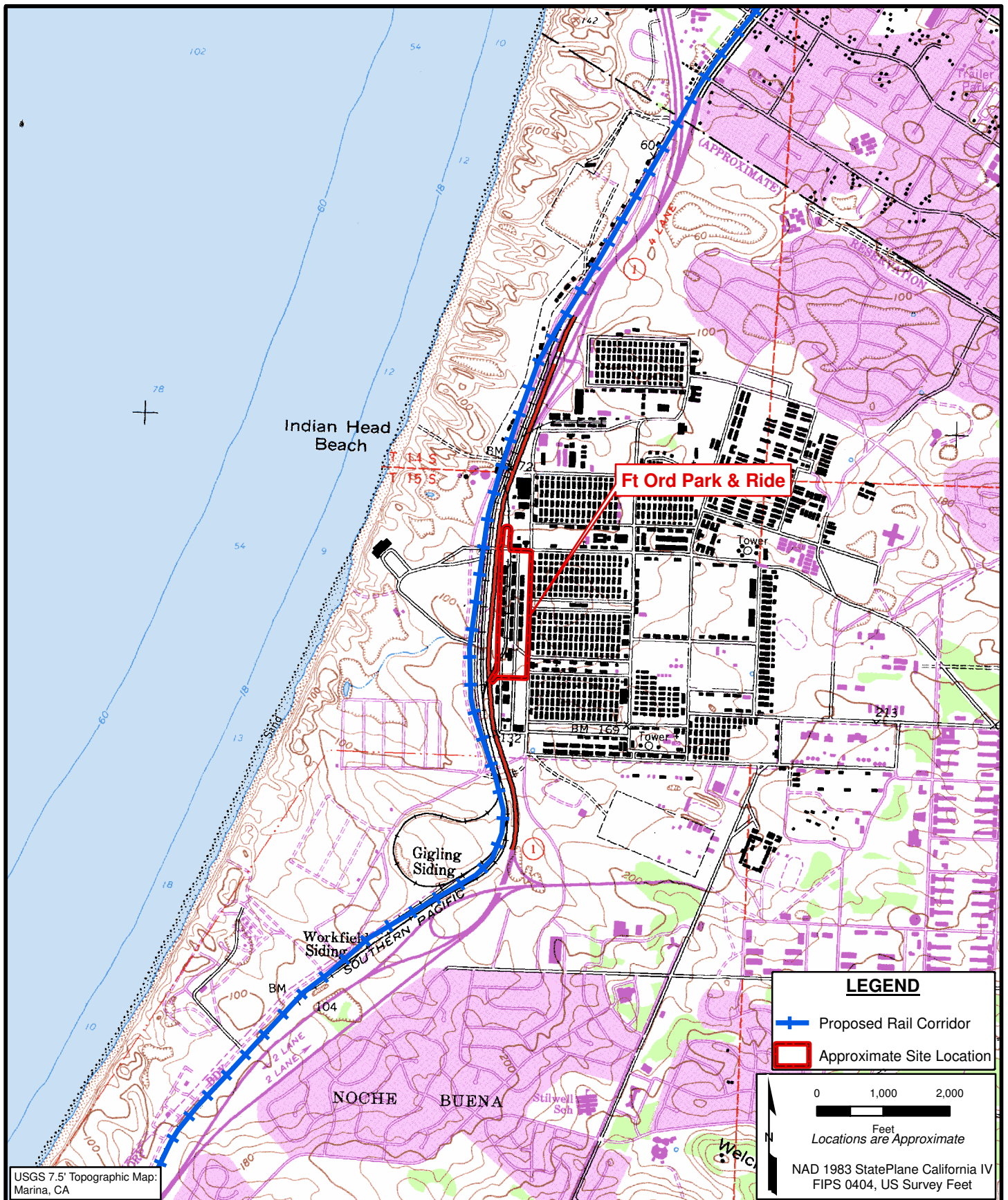
Based on a review of the data gaps presented above, it is Kleinfelder's opinion that the data failures may have affected the evaluation of the RECs at the site. If the client proceeds with site acquisition, Kleinfelder recommends that attempts be made to address the above-referenced data gaps.

9. REFERENCES

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APPENDIX A



KLEINFELDER
40 Clark Street, Suite J
Salinas, California 93901
Ph: (831) 755-7900 Fax: (831) 755-7909

SITE VICINITY MAP

TAMC - Ft Ord Park & Ride
APN 031-221-014-000, 031-221-003-000, 031-221-005-000
Former Fort Ord, Monterey County, California

Plate

1

Drawn By: KFH

Reviewed By: KJW

Date: 03/26/10

Project Number: 109205

File: D:\...109205...17C\17C_vic.mxd



Aerial: USDA NAIP 2009

KLEINFELDER
 40 Clark Street, Suite J
 Salinas, California 93901
 Ph: (831) 755-7900 Fax: (831) 755-7909

SITE LOCATION MAP

TAMC - Ft Ord Park & Ride
 APN 031-221-014-000, 031-221-003-000, 031-221-005-000
 Monterey, Monterey County, California

Plate

2



PHOTO 3.1: View of Building 2071 facing north from 8th Street. Note location of nearby monitoring well.



PHOTO 3.2: View of site from northwest corner toward southeast. Note former tank area near bike trail.



PHOTO 3.3: View of cap plate for on-site monitoring well



PHOTO 3.4: View from southwest corner of site facing northeast. Note rail junction in foreground.



PHOTO 3.5: Example of Interior of Fort Ord Quartermaster Building



PHOTO 3.6: View of east side of site. Note buildings to left are storage buildings east of Quartermaster Ave.



40 Clark Street, Suite J
Salinas, California 93901
Ph: (831) 755-7900 Fax: (831) 755-7909

SITE PHOTOGRAPHS

Original in Color

TAMC – Ft Ord Park & Ride
APN 031-221-014-000, 031-221-003-000, 031-221-005-000
Marina, Monterey County, California

PLATE

3

Drawn by: KFH | Checked by: KJW | Date: 03/22/10 | PROJECT NO.: 109205 | File: G:_Environ\109205...\Plate1.ppt



PHOTO 4.1: View of south edge of site, facing north



PHOTO 4.2: South portion of site and tire debris left on site.



PHOTO 4.3: View of Former tank area facing north



PHOTO 4.4: View of 1st avenue and former rail yard, facing south.



PHOTO 4.5: View of observed pipeline marker on southeast corner of site.



PHOTO 4.5: Interior of Building 2071 and Fire Department training area.

SITE PHOTOGRAPHS

Original in Color

TAMC – Ft Ord Park & Ride
 APN 031-221-014-000, 031-221-003-000, 031-221-005-000
 Marina, Monterey County, California

PLATE

4

APPENDIX B

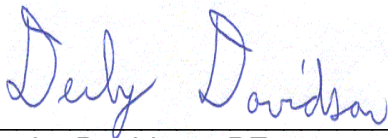
**QUALIFICATIONS OF
ENVIRONMENTAL PROFESSIONALS**

STATEMENT OF QUALIFICATIONS

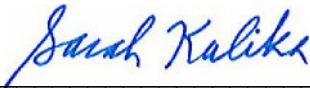
We declare that to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting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



Bradley G. Erskine, PhD, PG, CHG, CEG
Environmental Practice Lead
Transportation Division



Derby Davidson, PE
Senior Engineer



Sarah Kalika, PG, REA
Project Geologist

The resumes of above-listed environmental professionals performing this environmental site assessment are on file at the Kleinfelder office and are available on request.

APPENDIX C

PERMIT TO OPERATE

p 232, E-3
755
not tested

OPERATION UNDER THIS PERMIT MUST BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS INCLUDED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED. THE EQUIPMENT MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD CONDITION AT ALL TIMES. THIS PERMIT TO OPERATE MUST BE POSTED OR ACCESSIBLE.

LEGAL OWNER: U. S. ARMY
OR OPERATOR: Building 2041

EQUIPMENT
LOCATED AT: Fort Ord, CA 93941

EQUIPMENT
DESCRIPTION AND
CONDITIONS: GASOLINE STORAGE TANKS

Two 12,000 Gallon Underground Gasoline Storage Tanks Each Equipped
With A Submerged Fill Pipe and OPW Vapor Recovery Equipment.

THIS PERMIT BECOMES VOID UPON ANY CHANGE OF OWNERSHIP OR ADDRESS, OR ANY ALTERATION.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSIONS OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY ARTICLE 1, CHAPTER 3, PART 4, DIVISION 26 OF THE HEALTH & SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES AND REGULATIONS OF THE AIR POLLUTION CONTROL DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATION OR STATUTES OF OTHER GOVERNMENTAL AGENCIES.

Lawrence A. Odle
AIR POLLUTION CONTROL OFFICER
DATE: August 30, 1979

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
1270 Natividad Rd. Salinas 93906 - (408) 758-3861
APPLICATION FOR AUTHORITY TO CONSTRUCT AND PERMIT TO OPERATE
RULE 418 - GASOLINE STORAGE AND VAPOR RECOVERY

Application Instructions

- A. Use this form for gasoline storage tanks only. Gasoline is defined as any petroleum distillate with a Reid vapor pressure of 4 pounds or more.
- B. Submit application in duplicate. One application will suffice for each storage location.
- C. A file fee of \$20 is required per application.
- D. If storage facility is undergoing a transfer of ownership and a valid District permit exists, the application fee is \$10.
- E. Make checks payable to Monterey Bay Unified APCD.

1A. Permit to be issued to: U.S. ARMY, FORT ORD	1B. _____ Sta. No.
2A. Mailing address: HQ, 7th Infantry Division and Fort Ord ATTN: AFZW-FE Fort Ord, CA 93941	2B. _____ 93941 Zip Code
3A. Tank Status: Bldg #2037 Fort Ord, CA	3B. _____ Nearest Intersection

4A. Tank Status:	Est. Date	Est. Date	5. Type of Organization:	6. Gen'l Nature of Business
	Start	Complete		
Existing as of 1-1-76	X		Corporation	Retail Serv Sta
New Construction			Partnership	Garage
Change of Ownership			Lessee or	Bulk Plant
Replacement			Indiv. Owner	Other (List) X
Vapor Recovery	X	Oct 78	Gov't Agency X	Military

7. Name and address of gasoline supplier

Tank No.	Type of Gasoline	Tank Capacity (gallons)	Fill Type		Inside Length	Inside Diameter	Tank Location	
			Sub-merged	Offset			Above Ground	Below Ground
1.		12,000						X
2.		12,000						X
3.								
4.								

APCD Use Only 152 9595 Application No, Date Stamp Action Taken	21 JUN 1978 ROBERT D. CREMER, JR Date Colonel, CE Dir, Fac Eng Unknown at this time. Contractor's name, address & phone No.
--	---

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT

PERMIT TO OPERATE

754A

1164 Monroe St., Suite #10 o Salinas, CA 93906 o (408)443-1135

OPERATION UNDER THIS PERMIT MUST BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS INCLUDED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED. THE EQUIPMENT MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD CONDITION AT ALL TIMES. THIS PERMIT TO OPERATE MUST BE POSTED OR ACCESSIBLE.

LEGAL OWNER
OR OPERATOR: FORT ORD

EQUIPMENT
LOCATED AT: Bldg. 2039
Fort Ord, CA

EQUIPMENT
DESCRIPTION
AND
CONDITIONS: THIS PERMIT TO OPERATE IS ISSUED AND IS VALID FOR THIS EQUIPMENT ONLY WHILE IT IS IN THE CONFIGURATION SET FORTH IN THE FOLLOWING DESCRIPTION:

GASOLINE STORAGE TANKS AND LOADING FACILITY

Two 12,000-Gallon Underground Gasoline Storage Tanks, Each With Dual Point Recovery And Submerged Fill Equipment.

Loading Rack Equipped For Top-Loading Of Delivery Vessels.

THE EQUIPMENT FOR WHICH THIS PERMIT TO OPERATE IS ISSUED MAY BE OPERATED ONLY WHEN IN COMPLIANCE WITH THE FOLLOWING CONDITIONS:

Conditions :

1. Annual gasoline throughput shall be reported to the District, upon request, at the time of annual permit renewal.
2. The permittee shall notify the District if there is any change in ownership or operation of this facility.
3. No more than 500,000 gallons per year or 20,000 gallons per day shall be delivered to non-exempt tanks.

Note: This Permit replaces P/O #754, issued to Fort Ord in the year 1979. The annual permit renewal date remains as before: August 30.

THIS PERMIT BECOMES VOID UPON ANY CHANGE OF OWNERSHIP OR ADDRESS, OR ANY ALTERATION.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSIONS OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY ARTICLE 1, CHAPTER 3, PART 4, DIVISION 26 OF THE HEALTH & SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES AND REGULATIONS OF THE AIR POLLUTION CONTROL DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATION OR STATUTES OF OTHER GOVERNMENTAL AGENCIES.

Lucretia R. Adelle
AIR POLLUTION CONTROL OFFICER

DATE February 4, 1986

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
1270 Natividad Rd. Salinas 93906 - (408) 758-3861
APPLICATION FOR AUTHORITY TO CONSTRUCT AND PERMIT TO OPERATE
RULE 418 - GASOLINE STORAGE AND VAPOR RECOVERY

Application Instructions

- A. Use this form for gasoline storage tanks only. Gasoline is defined as any petroleum distillate with a Reid vapor pressure of 4 pounds or more.
- B. Submit application in duplicate. One application will suffice for each storage location.
- C. A file fee of \$20 is required per application.
- D. If storage facility is undergoing a transfer of ownership and a valid District permit exists, the application fee is \$10.
- E. Make checks payable to Monterey Bay Unified APCD.

1A. Permit to be issued to: U.S. ARMY, FORT ORD			1B. <u> </u> Sta. No.
2A. Mailing address: HQ, 7th Infantry Division and Fort Ord ATTN: AFZW-FE Fort Ord, CA 93941			2B. <u>93941</u> Zip Code
3A. Tank Status: Bldg # 2039 Fort Ord, CA			3B. <u> </u> Nearest Intersection
4A. Tank Status:	Est. Date Start	Est. Date Complete	5. Type of Organization:
Existing as of 1-1-76 <u>X</u>			Corporation <u> </u>
New Construction <u> </u>			Partnership <u> </u>
Change of Ownership <u> </u>			Lessee or <u> </u>
Replacement <u> </u>			Indiv. Owner <u> </u>
Vapor Recovery <u>X</u>	Oct 78	Apr 79	Gov't Agency <u>X</u>
			6. Gen'l Nature of Business
			Retail Serv Sta <u> </u>
			Garage <u> </u>
			Bulk Plant <u> </u>
			Other (List) <u>X</u>
			Military <u> </u>

7. Name and address of gasoline supplier :

Tank No.	Type of Gasoline	Tank Capacity (gallons)	Fill Type		Inside Length	Inside Diameter	Tank Location	
			Sub-merged	Offset			Above Ground	Below Ground
1.		12,000						
2.		12,000						X
3.								X
4.								

<u>754</u> <u>APCD Use Only</u> Application No, <u> </u> Date Stamp <u>9/27/75</u> ~~Action Taken~~	21 JUN 1978 ROBERT D. CREMER, JR Date Colonel, CE Dir/ Fac Eng Unknown at this time. Contractor's name, address & phone No.
--	---

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT

PERMIT TO OPERATE

p232, E-3
752
not listed

OPERATION UNDER THIS PERMIT MUST BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS INCLUDED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED. THE EQUIPMENT MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD CONDITION AT ALL TIMES. THIS PERMIT TO OPERATE MUST BE POSTED OR ACCESSIBLE.

LEGAL OWNER:

LEGAL OWNER
OR OPERATOR: U. S. ARMY
Building 2037

EQUIPMENT
LOCATED AT: Fort Ord, CA 93941

EQUIPMENT
DESCRIPTION
AND
CONDITIONS: GASOLINE STORAGE TANKS

Two 12,000 Gallon Underground Gasoline Storage Tanks Each Equipped
With A Submerged Fill Pipe and OPW Vapor Recovery Equipment.

THIS PERMIT BECOMES VOID UPON ANY CHANGE OF OWNERSHIP OR ADDRESS, OR ANY ALTERATION.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSIONS OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY ARTICLE 1, CHAPTER 3, PART 4, DIVISION 26 OF THE HEALTH & SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES AND REGULATIONS OF THE AIR POLLUTION CONTROL DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATION OR STATUTES OF OTHER GOVERNMENTAL AGENCIES.

Lawrence D. Cobb
AIR POLLUTION CONTROL OFFICER

August 30, 1979

DATE

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
1270 Natividad Rd. Salinas 93906 - (408) 758-3861
APPLICATION FOR AUTHORITY TO CONSTRUCT AND PERMIT TO OPERATE
RULE 418 - GASOLINE STORAGE AND VAPOR RECOVERY

Application Instructions

- A. Use this form for gasoline storage tanks only. Gasoline is defined as any petroleum distillate with a Reid vapor pressure of 4 pounds or more.
- B. Submit application in duplicate. One application will suffice for each storage location.
- C. A file fee of \$20 is required per application.
- D. If storage facility is undergoing a transfer of ownership and a valid District permit exists, the application fee is \$10.
- E. Make checks payable to Monterey Bay Unified APCD.

1A. Permit to be issued to: U.S. ARMY, FORT ORD			1B. <u> </u> Sta. No.	
2A. Mailing address: HQ, 7th Infantry Division and Fort Ord ATTN: AFZW-FE Fort Ord, CA 93941			2B. <u>93941</u> Zip Code	
3A. Tank Status: Bldg #2041 Fort Ord, CA			3B. <u> </u> Nearest Intersection	
4A. Tank Status:	Est. Date Start	Est. Date Complete	5. Type of Organization:	6. Gen'l Nature of Business
Existing as of 1-1-76	<u>X</u>		Corporation	Retail Serv Sta
New Construction			Partnership	Garage
Change of Ownership			Lessee or	Bulk Plant
Replacement			Indiv. Owner	Other (List) <u>X</u>
Vapor Recovery	<u>X</u>	<u>Oct 78</u>	Gov't Agency <u>X</u>	Military

7. Name and address of
gasoline supplier

Tank No.	Type of Gasoline	Tank Capacity (gallons)	Fill Type		Inside Length	Inside Diameter	Tank Location	
			Sub-merged	Offset			Above Ground	Below Ground
1.		12,000						X
2.		12,000						X
3.								
4.								

<u>755</u> APCD Use Only Application No. <u> </u> Date Stamp <u> </u> Action Taken <u> </u>	21 JUN 1978 ROBERT D. CREMER, JR. <u> </u> Date <u> </u> Colonel <u> </u> Dir, Fac Eng <u> </u> Unknown at this time. Contractor's name, address & phone No. <u> </u>
---	---

ABUAPCD OFFICE ROUTE SLI1

FROM: FWT DATE: August 20, 1997 PRIORITY: _____

ACTION: CANCELLED PERMIT

☐ FOLLOW & REPORT BACK	☐ PLEASE HANDLE	☐ INFO ONLY
☐ REVIEW & COMMENT	☐ PROVIDE RECOMMENDATION	☐ TYPING
☐ CONFER/SCHEDULE MEETING FOR DISCUSSION	☐ DIRECTION PROVIDED	☐ CIRCULATE
		☐ SIGNATURE

ROUTE TO:

EXECUTIVE	ENFORCEMENT	ENGINEERING	P A M
DQ _____	EK _____	FT _____	_____
LM _____	IN _____	SH <u>2</u> <i>Sh</i>	HP _____
WF _____	JH <u>3</u> <i>Sh</i>	DC _____	JF _____
EM <i>Sh</i>	KK _____	GC _____	JS _____
JH <u>1</u> <i>Sh</i>	OZ _____	_____	WM _____
DS _____	GM <i>Sh</i>	EG _____	SN _____
CS _____	MS _____	LB _____	JB _____
JF _____	TS _____	JS _____	MM _____
AS _____	TC _____	MG _____	AS _____
TM _____	AT _____	JJ _____	BN _____
JD _____	DF _____	MS _____	DK _____
DD _____	JC _____		
LS <u>4</u> <i>Sh</i>			

PERMIT # 5369 → CANCELED

REPLACED BY PERMIT # _____

SOURCE NAME _____

RENEWAL DATE: _____



MONTEREY BAY
Unified Air Pollution Control District

serving Monterey, San Benito, and Santa Cruz counties

AIR POLLUTION CONTROL OFFICER
Douglas Quetin

24580 Silver Cloud Court • Monterey, California 93940 • 408/647-9411 • FAX 408/647-8501

August 20, 1997

**DISTRICT
BOARD
MEMBERS**

CHAIR:
Oscar Rios
Watsonville

VICE CHAIR:
Judy
Pennycook
Monterey
County

Jack Barlich
Del Rey Oaks

Ray Belgard
Santa Cruz
County

Edith
Johnsen
Monterey
County

John Myers
King City

Tom
Perkins
Monterey
County

Ron
Rodrigues
San Benito
County

Celia Scott
Santa Cruz

Alan Styles
Salinas

Walt
Symons
Santa Cruz
County

Commander, DLIFLC & POM
Department of the Army
ATTN: ATZP-EP (Mark Reese)
Presidio of Monterey, CA 93944-5006

SUBJECT: Cancellation of Permits to Operate P-1402, P-1775,
5369, 6514, and 6781

Dear Mr. Reese:

I have canceled the following permits in response to your
August 18, 1997 letter request:

Permit No.	Location	Description
P-1402	BLDG. 2042	Solvent Storage Tank
P-1775	BLDG. 1665	Paint Spray Facility
5369	BLDG. 2041	Gasoline Dispensing Facility
6514	BLDG. 1434	Solvent Storage Tanks
6781	BLDG. 1670	Gasoline Dispensing Facility

If you should have any questions please feel free to contact
me at the District office.

Sincerely,

Fred Thoits
Engineering Division Manager



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
DEFENSE LANGUAGE INSTITUTE FOREIGN LANGUAGE CENTER
AND PRESIDIO OF MONTEREY
PRESIDIO OF MONTEREY, CA 93944-5006

August 18, 1997

MONTEREY BAY
UNIFIED AIR

'97 AUG 19 P2:17

Directorate of Environmental and Natural
Resources Management

Mr. Fred Thoits
Monterey Bay Unified Air
Pollution Control District
24580 Silver Cloud Court
Monterey, CA 93940

Dear Mr. Thoits:

Please cancel permits #1402, 1775, 5369, 6514, and 6781. Activities associated with these permits are no longer needed due to the closure of Fort Ord.

If you have any questions regarding this matter, contact Ms. Christine Lawson, Environmental Scientist, at (408)242-7929.

Sincerely,

James M. Willison
Director, Environmental and Natural
Resources Management

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
24580 Silver Cloud Court, Monterey, CA 93940

ANNUAL RENEWAL INFORMATION SHEET

'97 AUG 19 P2:17

ISSUE DATE: July 15, 1997

SOURCE: Department of the Army
(dba)

PROCESS: gasoline dispensing facility (2);
Bldg #2041 (8th & Railroad Ave), Fort Ord

PERMIT #5369 PTO

ANNIVERSARY DATE: August 30, 1997

Please fill in the following information, reflecting the activity for this permit unit during the past 12 months.

I consider this information to be: _____ Confidential _____ Not Confidential

X 1. Normal Operating Hours:

_____ Hours/Day; _____ Days/Week; _____ Week/Year

X 2. Gasoline Throughput:

- Less Than 7,500 Gallons Per Year

- If greater than 7,500 Gallons Per Year, indicate to the nearest 1000 _____ Gallons Per Year.

X 3. Number of Gasoline Dispensing Nozzles: _____
(exclude diesel nozzles)

Signature _____

Print name: Mark G. Reese

Title: Chief, Environmental Management Division

Phone #: (408)242-7925 Date: _____

Change of mailing or billing address:

file-----
x- file--*gt*
reviewed by--*gt*

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT

PHASE II INSPECTION REPORT

JAN 97

FACILITY NAME: DA-Ft.Ord

P/O # : 5369

ADDRESS: SS, CA

CONTACT NAME:

TITLE:

PHONE NUMBER:

NUMBER OF NOZZLES:

EXHIBIT #:

NOZZLE TYPE:

REMOTE CK VALVES: YES\NO

DEFICIENCIES:

NOTE: Closed not operational. Tanks Removed

ACTION TAKEN:

x NONE; FACILITY COMPONENTS IN GOOD WORKING
ORDER.

2/7 DAY NOTICE TO CORRECT [ATTACHED]

OUT OF SERVICE TAG [ATTACHED]

NOTICE OF NONCOMPLIANCE

NOTICE TO APPLY ISSUED; RESPONSE DATE

FOLLOW UP REQUIRED: NO BY DATE:

INSPECTED BY: *Gus Moutos*

DATE: 1-2-97

FOLLOW UP BY:

DATE:

REPAIRED: YES NO

COMMENTS:

MBUAPCD FORM [11/91]

MONTEREY BAY
UNIFIED APCD

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
24580 Silver Cloud Court, Monterey, CA 93940 APCD

'96 OCT -4 P4:15

ANNUAL RENEWAL INFORMATION SHEET

'96 SEP -5 P3:22

ISSUE DATE: July 15, 1996

SOURCE: Department of the Army
(dba)

PROCESS: gasoline dispensing facility (2);
Bldg #2041 (8th & Railroad Ave), Fort Ord

PERMIT #5369 PTO

ANNIVERSARY DATE: August 30, 1996

Please fill in the following information, reflecting the activity for this permit unit during the past 12 months.

I consider this information to be: _____ Confidential ☒ Not Confidential

XX 1. Normal Operating Hours:

_____ Hours/Day; _____ Days/Week; _____ Week/Year

XX 2. Gasoline Throughput:

- Less Than 7,500 Gallons Per Year

- If greater than 7,500 Gallons Per Year, indicate to the nearest 1000 _____ Gallons Per Year. *removed 1/96*

XX 3. Number of Gasoline Dispensing Nozzles: _____
(exclude diesel nozzles)

9/9 E.G. Call to Christine Lawson, 242-7929 Emission Statement
She will confirm if P/O should be canceled

9/13 E.G. Renew per C.L.

Signature *Mark G. Reese*

Print name: Mark G. Reese

Title: Chief, Environmental Management Division

Phone #: 242-7925

Date: August 20, 1996

Change of mailing or billing address:

135 thru

54 102

8189

file-C---
x- file-77---
reviewed by *jm.*

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT

PHASE II INSPECTION REPORT

JAN 95

FACILITY NAME: DA-Ft.Ord

P/O # : 5369

ADDRESS: SS, CA

CONTACT NAME:

TITLE:

PHONE NUMBER:

NUMBER OF NOZZLES:

EXHIBIT #:

NOZZLE TYPE:

REMOTE CK VALVES: YES\NO

DEFICIENCIES:

NOTE: Closed not operational. Tanks Removed

ACTION TAKEN:

x NONE; FACILITY COMPONENTS IN GOOD WORKING ORDER.

2/7 DAY NOTICE TO CORRECT [ATTACHED]

OUT OF SERVICE TAG [ATTACHED]

NOTICE OF NONCOMPLIANCE

NOTICE TO APPLY ISSUED; RESPONSE DATE

FOLLOW UP REQUIRED: NO BY DATE:

INSPECTED BY: *Gus Moutos*

DATE: 1-19-95

FOLLOW UP BY:

DATE:

REPAIRED: YES NO

COMMENTS:

MBUAPCD FORM [11/91]

MONTEREY BAY

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
24580 Silver Cloud Court, Monterey, CA 93940

'95 SEP 14 P2:28

ANNUAL RENEWAL INFORMATION SHEET

95 AUG -7 P4:11

ISSUE DATE: July 17, 1995

SOURCE: Department of the Army
(dba)

PROCESS: gasoline dispensing facility (2);
Bldg #2041 (8th & Railroad Ave), Fort Ord

PERMIT #5369 PTO

ANNIVERSARY DATE: August 30, 1995

Please fill in the following information, reflecting the activity for this permit unit during the past 12 months.

I consider this information to be: Confidential X Not Confidential

XX 1. Normal Operating Hours:

 0 Hours/Day; 0 Days/Week; 0 Week/Year

XX 2. Gasoline Throughput:

- Less Than 7,500 Gallons Per Year

- If greater than 7,500 Gallons Per Year, indicate to
the nearest 1000 0 Gallons Per Year.

XX 3. Number of Gasoline Dispensing Nozzles: 2
(exclude diesel nozzles)

Emission Statement

Signature Mark G. Reese

Print name: Mark G. Reese

Title: Environmental Scientist

Phone #: (408) 242-7925 Date: July 19, 1995

Change of mailing or billing address:

135
54
\$ 189 -

file-⁵---
x- file-----
reviewed by *gla*---

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT

PHASE II INSPECTION REPORT

JAN 95

FACILITY NAME: DA-Ft.Ord

P/O # : 5369

ADDRESS:SS,CA

CONTACT NAME:

TITLE:

PHONE NUMBER:

NUMBER OF NOZZLES:

EXHIBIT #:

NOZZLE TYPE:

REMOTE CK VALVES: YES\NO

DEFICIENCIES:

NOTE:Closed not operational.

ACTION TAKEN:

x NONE;FACILITY COMPONENTS IN GOOD WORKING
ORDER.

2/7 DAY NOTICE TO CORRECT [ATTACHED]

OUT OF SERVICE TAG [ATTACHED]

NOTICE OF NONCOMPLIANCE

NOTICE TO APPLY ISSUED; RESPONSE DATE

FOLLOW UP REQUIRED: YES *NO* BY DATE:

INSPECTED BY: *Gus Moutos*

DATE:1-6-95

FOLLOW UP BY:

DATE:

REPAIRED: YES NO

COMMENTS:

MBUAPCD FORM [11/91]

94 AUG -3 P1:20

ANNUAL RENEWAL INFORMATION SHEET

SOURCE: Department of the Army
(dba)

PROCESS: gasoline dispensing facility (2);
Bldg #2041 (8th & Railroad Ave), Fort Ord

PERMIT #5369 PTO ANNIVERSARY DATE: August 30, 1994

Please fill in the following information, reflecting the activity for this permit unit during the past 12 months.

I consider this information to be: Confidential X Not Confidential

XX 1. Normal Operating Hours:

0 Hours/Day; 0 Days/Week; 0 Week/Year Shutdown 7/1993

XX 2. Gasoline Throughput:

- Less Than 7,500 Gallons Per Year
- If greater than 7,500 Gallons Per Year, indicate to the nearest 1000 _____ -0- _____ Gallons Per Year.

XX 3. Number of **Gasoline** Dispensing Nozzles: 2
(exclude diesel nozzles)

Signature Mark Miller

Print name: Mark REese

Title: Environmental Protection Specialist

Phone #: (408)242-2743 Date: 7-21-94

Change of mailing or billing address:

54
135

189

MONTEREY BAY
UNIFIED APCD
94 AUG -3 P1:20

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
24580 Silver Cloud Court, Monterey, CA 93940

ANNUAL RENEWAL INFORMATION SHEET

July 15, 1994

SOURCE: Department of the Army
(dba)

PROCESS: gasoline dispensing facility (2);
Bldg #2041 (8th & Railroad Ave), Fort Ord

PERMIT #5369 PTO

ANNIVERSARY DATE: August 30, 1994

Please fill in the following information, reflecting the activity for this permit unit during the past 12 months.

I consider this information to be: Confidential X Not Confidential

XX 1. Normal Operating Hours:

 0 Hours/Day; 0 Days/Week; 0 Week/Year Shutdown 7/1993

XX 2. Gasoline Throughput:

- Less Than 7,500 Gallons Per Year

- If greater than 7,500 Gallons Per Year, indicate to the nearest 1000 -0- Gallons Per Year.

XX 3. Number of **Gasoline** Dispensing Nozzles: 2
(exclude diesel nozzles)

Signature Mark Reese

Print name: Mark REese

Title: Environmental Protection Specialist

Phone #: (408)242-2743 Date: 7-21-94

Change of mailing or billing address:

54
135
189-
#

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
24580 Silver Cloud Court, Monterey, CA 93940

ANNUAL RENEWAL INFORMATION SHEET

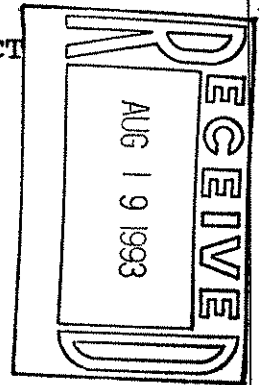
ISSUANCE DATE: July 16, 1993

SOURCE: Department of the Army
(dba)

PROCESS: gasoline dispensing facility (2);
Bldg #2041 (8th & Railroad Ave), Fort Ord

PERMIT #5369 PTO

ANNIVERSARY DATE: August 30, 1993



Please fill in the following information, reflecting the activity for this permit unit during the past 12 months.

I consider this information to be: Confidential X Not Confidential

XX 1. Normal Operating Hours: GASOLINE PUMP CLOSED FOR INDEFINITE PERIOD
SUBJECT TO CLOSURE.
 Hours/Day; Days/Week; Week/Year

XX 2. Gasoline Throughput:

- Less Than 7,500 Gallons Per Year
- If greater than 7,500 Gallons Per Year, indicate to the nearest 1000 -0- Gallons Per Year.

XX 3. Number of Gasoline Dispensing Nozzles: 2 Nozzles and 1 OverHead Pump
(exclude diesel nozzles)

NOX - 0.0 TPY
ROB - 0.0 TPY

Signature William Johnson

Print name: WILLIAM JOHNSON

Title: CH, POL SEC, SVC BR, ISSD

Phone #: 2-5810 Date: 12 Aug 93

Change of mailing or billing address:

Total
0.0 TPY

135
81
216-

File: C
X-File: _____
Reviewed By: [Signature]
[Signature]

**MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
PHASE II INSPECTION REPORT**

FACILITY NAME: Department of the Army - Fort Ord P/O #: 5369
ADDRESS: Building 2041 (8th Street & Railroad Avenue)
Fort Ord, CA
CONTACT NAME: Mark Reese TITLE: Environmental Coordinator
PHONE NUMBER: 242-2743

NUMBER OF NOZZLES: 2
NOZZLE TYPE: EW 4001 (Thermoid hoses)
REMOTE CHECK VALVE: YES / NO

EXHIBIT #: 5

DEFICIENCIES: None noted. The station is currently not in use, but the permit will be kept active until the future reuse of Fort Ord is determined.

ACTION TAKEN: XX NONE: FACILITY COMPONENTS IN GOOD WORKING ORDER
____ 7-DAY NOTICE TO CORRECT (ATTACHED)
____ OUT OF SERVICE TAG (ATTACHED)
____ NOTICE OF NONCOMPLIANCE
____ NOTICE TO APPLY ISSUED; RESPONSE DATE: _____

FOLLOW UP REQUIRED: ____ YES XX NO BY DATE:

INSPECTED BY: Heather Newton [Signature] DATE: 15 July 93

FOLLOW UP BY: DATE:

REPAIRED: ____ YES ____ NO

COMMENTS: _____

Jan 93

file C
x-file
reviewed by gga

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
PHASE II INSPECTION REPORT

FACILITY NAME: Department of the Army P/O #: 5369
ADDRESS: B/2041 (8th St. & Railroad Ave.)
CONTACT NAME: Lt. Col. Weinstock TITLE: Env. Coord.
PHONE NUMBER: 242-2729

NUMBER OF NOZZLES: 2 EXHIBIT #: 5
NOZZLE TYPE: EW 4001
REMOTE CK VALVES: (YES) / NO

DEFICIENCIES: Faceplate on Unleaded nozzle
torn > 1" (7-Day Notice issued)

ACTION TAKEN:

☐	NONE; FACILITY COMPONENTS IN GOOD WORKING ORDER
☒	7 DAY NOTICE TO CORRECT (ATTACHED)
☐	OUT OF SERVICE TAG (ATTACHED)
☐	NOTICE OF NONCOMPLIANCE
☐	NOTICE TO APPLY ISSUED: RESPONSE DATE: _____

FOLLOW UP REQUIRED: ☒ YES ☐ NO BY DATE: 1 Feb 93

INSPECTED BY: Heather E. Neuf DATE: 25 Jan 93

FOLLOW UP BY: Heather E. Neuf DATE: 9 Feb 93

REPAIRED: ☒ YES ☐ NO

COMMENTS: New nozzle installed.



MONTEREY BAY
Unified Air Pollution Control District

serving Monterey, San Benito, and Santa Cruz counties

ABRA BENNETT
Air Pollution Control Officer

24580 Silver Cloud Court • Monterey, California 93940 • 408/647•9411 • FAX 408/647•8501

SEVEN-DAY NOTICE TO CORRECT

FACILITY: Department of the Army
LOCATION: B/2041 (3th St. & Railroad Ave.)
ADDRESS: Fort Ord, CA

PERMIT NO.: 5369

Pursuant to the provisions of Section 41960.2(e) of the California Health and Safety Code, you are hereby notified that a component of the gasoline vapor recovery system at this facility has been found to be not in good working order, as follows:

PROBLEM: Faceplate on nozzle (Unloaded)
torn > 1"

REQUIRED CORRECTION: Replace above noted
faceplate

Operation of this facility in this condition constitutes a violation of District Rule 1002, which requires operation of a vapor recovery system as it was certified by the California Air Resources Board. If this problem is corrected within seven (7) days, you will not be subject to liability for the violation.

If correction is not made by 1 Feb 93, you will be liable for this violation of Rule 1002, and may be liable for any continuing violation if operation continues beyond that date.

SERVED TO: Lt. Col. Weinstein

BY: Heather S. Napier **DATE:** 25 Jan 93

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
24580 Silver Cloud Court, Monterey, CA 93940

ANNUAL RENEWAL INFORMATION SHEET

ISSUANCE DATE: July 17, 1992

SOURCE: Department of the Army
(dba)

1522

PROCESS: gasoline dispensing facility; (2)
Bldg #2041 (8th & Railroad Ave), Fort Ord

PERMIT #5369

ANNIVERSARY DATE: 08/30/92

Please fill in the following information, reflecting the activity for this permit unit during the past 12 months.

I consider this information to be: Confidential X Not Confidential

XX 1. Normal Operating Hours:

8 Hours/Day; 5 Days/Week; 52 Week/Year

XX 2. Gasoline Throughput:

- Less Than 7,500 Gallons Per Year
- If greater than 7,500 Gallons Per Year, indicate to the nearest 1000 200,000 Gallons Per Year.

XX 3. Number of **Gasoline** Dispensing Nozzles: 2 Nozzles & 1 Overhead for Bulk
(exclude diesel nozzles)

Signature

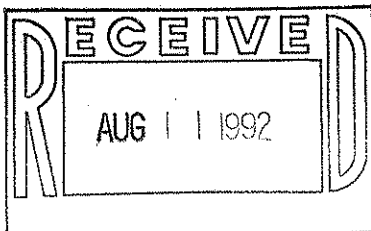
William Johnson

Print name: WILLIAM JOHNSON

Title: Chief, POL Section, Svc Br., Sup & Svc Div

Phone #: 2-5810 Date: 28 Jul 92

Change of mailing or billing address:



81
135
216- *Sh*
BILLED AUG 27 1992

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
24580 Silver Cloud Court, Monterey, CA 93940

ANNUAL RENEWAL INFORMATION SHEET

ISSUANCE DATE: July 17, 1991

SOURCE: Department of the Army
(dba)

PROCESS: gasoline dispensing facility;
Bldg #2041 (8th & Railroad Ave), Fort Ord

PERMIT #5369

ANNIVERSARY DATE: 08/30/91

Please fill in the following information, reflecting the activity for this permit unit during the past 12 months.

I consider this information to be: Confidential X Not Confidential

XX 1. Normal Operating Hours:

 8 Hours/Day; 5 Days/Week; 52 Week/Year

XX 2. Gasoline Throughput:

- Less Than 7,500 Gallons Per Year

- If greater than 7,500 Gallons Per Year, indicate to the nearest 1000 120,000 Gallons Per Year.

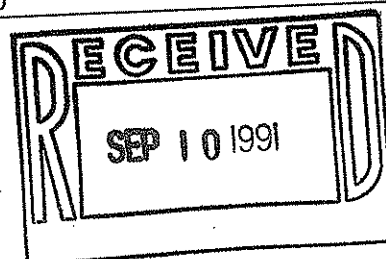
XX 3. Number of Gasoline Dispensing Nozzles: 2

Submitted By: WILLIAM JOHNSON

Title: Chief, POL Sec., Svc Br., Sup & Svc Div

Date: 26 Aug 91

Phone #: 2-5810





MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT

1164 Monroe Street, Suite #10 Salinas, California 93906-3596 (408) 443-1135 FAX (408) 443-1064

Abra Bennett Air Pollution Control Officer

JUN 18 1991

Colonel Wesley A. Ludwig
Director of Engineering and Housing
Attn: AFZW-DE
Fort Ord, CA 93941-5777

SUBJECT: Permits to Operate Nos. 5369-5373, 5641,
5644, and 6062
Gasoline Dispensing Facilities

Dear Colonel Ludwig:

The District has completed its inspection and evaluation of eight gasoline dispensing facilities at the following locations:

<u>Permit No.</u>	<u>Location</u>
5369	Bldg. 2041, Ft. Ord
5370	Bldg. 1060, Ft. Ord
5371	Bldg. 4220, Ft. Ord
5372	Bldg. 230, Presidio
5373	Bldg. 1670, Ft. Ord
5641	Bldg. 4493, Ft. Ord
5644	Bldg. 116, Ft. Hunter Liggett
6062	Bldg. 258, Ft. Hunter Liggett

We have determined the facilities are currently in compliance with District Rules 418 and 1002, "Transfer of Gasoline Into Stationary Storage Containers," and, "Transfer of Gasoline Into Vehicle Fuel Tanks," respectively. Accordingly, Permits to Operate have been issued and are enclosed. **EACH PERMIT MUST BE POSTED OR KEPT READILY AVAILABLE AT THE OPERATING PREMISES.** Please note the conditions associated with the Permits to Operate.

A permit fee balance of \$2138.00 is due and payable within thirty (30) days, and is based on the provisions of Rule 301, Schedule 9. Annual renewal fees will remain due as indicated on the second page of each permit. A courtesy reminder statement will be mailed to you before the permit renewal dates.

If you have any questions, please contact me at the District office.

Sincerely,

Eva Goodman

Eva Goodman
Air Pollution Control Engineer I

Enclosures: PtoO Nos. 5369-5373, 5641, 5644, and 6062
Permit Fee Balance Statement

District Board Members

Supervisor Marc Del Piero, Chair
Monterey County
Supervisor Robley Levy, Vice Chair
Santa Cruz County

Supervisor Mike Graves
San Benito County
Supervisor Gary Patton
Santa Cruz County

Supervisor Barbara Shipnuck
Monterey County
Supervisor Tom Perkins
Monterey County

Supervisor Karin Strasser Kauffman
Monterey County
Supervisor Ruth Kesler, Alternate
San Benito County

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT

PERMIT TO OPERATE

#5369

OPERATION UNDER THIS PERMIT MUST BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS INCLUDED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED. THE EQUIPMENT MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD CONDITION AT ALL TIMES. THIS PERMIT TO OPERATE MUST BE POSTED OR ACCESSIBLE.

LEGAL OWNER **DEPARTMENT OF ARMY**
OR OPERATOR:

EQUIPMENT **Building 2041 (8th St. and Railroad Ave.)**
LOCATED AT: **Fort Ord, CA**

EQUIPMENT
DESCRIPTION **THIS PERMIT TO OPERATE IS ISSUED AND IS VALID FOR**
AND **THIS EQUIPMENT ONLY WHILE IT IS IN THE CONFIGURATION**
CONDITIONS: **SET FORTH IN THE FOLLOWING DESCRIPTION:**

GASOLINE DISPENSING FACILITY (2):

Three 12,000 Gallon Underground Gasoline Storage Tanks, Each With Dual Point Vapor Recovery And Submerged Fill Equipment.

Two Tokheim Bennett Dual Dispensers With A Total Of Two Emco Wheaton Model 4001 Coaxial Balance Vapor Recovery Nozzles With Model 226 Remote Vapor Check Valves And Thermoid Coaxial Hoses.

THE EQUIPMENT FOR WHICH THIS PERMIT TO OPERATE IS ISSUED MAY BE OPERATED ONLY WHEN IN COMPLIANCE WITH THE FOLLOWING CONDITIONS:

Conditions:

- 1. Annual gasoline throughput shall be reported to the District, upon request, at the time of annual permit renewal.**
- 2. The permittee shall notify the District if there is any change in ownership or operation of this facility.**

****page 1 of 2****

THIS PERMIT BECOMES VOID UPON ANY CHANGE OF OWNERSHIP OR ADDRESS. OR ANY ALTERATION.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSIONS OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY ARTICLE 1, CHAPTER 3, PART 4, DIVISION 26 OF THE HEALTH & SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES AND REGULATIONS OF THE AIR POLLUTION CONTROL DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATION OR STATUTES OF OTHER GOVERNMENTAL AGENCIES.


AIR POLLUTION CONTROL OFFICER
JUN 18 1991
DATE _____

Department of the Army
Permit to Operate #5369
Page two:

3. All vapor line connections, fittings, lines and caps, and seals between nozzles and vehicles shall be vapor tight.
4. Nozzle operating instruction signs with the District or State telephone number for reporting complaints shall be clearly posted.
5. The gasoline pumping rate shall not exceed 10 gallons per minute.
6. The dispensers shall be equipped with the high-retractor or high-hang hose configuration.
7. Any representative of the Monterey Bay Unified Air Pollution Control District authorized by the Air Pollution Control Officer shall be permitted, pursuant to the authority contained in Section 41510 of the California Health and Safety Code:
 - a) to enter upon the premises where the source is located or in which any records are required to be kept under the terms and conditions of the Permit to Operate;
 - b) to have access to and copy any records required to be kept under the terms and conditions of this Permit to Operate;
 - c) to inspect any equipment, operation, or process described or required in this Permit to Operate; and,
 - d) to sample emissions from the source.

Note: This Permit to Operate replaces permit #755A issued to U.S. Army, Ft. Ord in the year 1989. The annual renewal date will remain August 30.

~~200~~ 930

MAY 8, 1991

CRAIG MEAGHER

FORT ORD

Groundwater Resources

BLD G 2041

805-835 ~~7778~~⁸
7700

2 NOZZLES
INDIVIDUAL VAPOR LINES

D

D

D

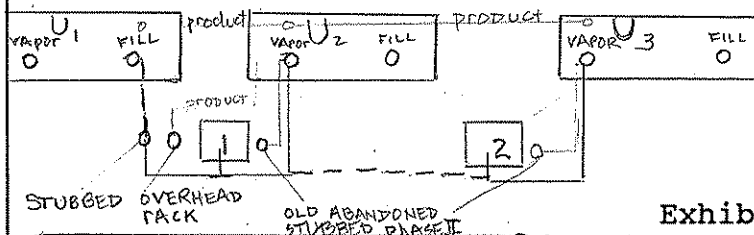


Exhibit # 5

S = Super unleaded U = Unleaded R = Regular

Test Equipment: OK
Flex Connected: OK
Dry Break Open: OK
Decals: OK
Nozzle md # EMCO WHEATON 402
Hose md # THERMID
Venturi: OK N/A
Disp. md # THERM
Fill Tube: $U_s = 2"$ $U = 2"$ $U_R = 2"$
Fill Caps: Good Bad
Remote Check Md# 226
Check Valves Good: Y N
Retractors: Good Bad
Phase 1 type: Coax 2pt.
Hear Gas Returning: Y N
Breakaway Md# none

none

RAILROAD AVE.

Eva Goodman

3) OPERATING
DECALS
NEEDED

1) 10" LOOP CRITERIA

2) VAPOR RETURN PIPING
NEEDED TO THIRD TANK (U₁) REPAIRS
PER DASHED LINES

☒ PASS ☐ FAIL
NO DECISION UNTIL
ITEM 1 through 3
RESOLVED



July 18, 1990

07579,300.02

Monterey Bay Unified Air Pollution
Control District

1164 Monroe Street, Suite 10
Salinas, California 93906

Attention: Mr. Gregory Chee

Gentlemen:

Phase II Vapor Recovery Permits

Enclosed please find the Permit Applications and associated fees for Phase II vapor recovery systems at the following buildings at the Fort Ord Complex:

Fort Ord

Building 1497
Building 4493
Building 4545

Presidio of Monterey

Building 124

Fort Hunter Liggett

Building 116
Building 194

The drawings contained in the permit applications are submitted in draft. If revisions are necessary after the Army's review, Harding Lawson Associates will resubmit drawings.

Also enclosed are revised drawings for Buildings 2041, 1060, 4220, 230 and 1670 at the Fort Ord Complex. As directed in your letter of March 28, 1990 to Harvey Jones of the Army Corps of Engineers, we have modified the designs for vapor recovery systems at these facilities so that Phase I and Phase II systems are not manifolded together. The permit application previously submitted for these buildings should be issued to Fort Ord

July 18, 1990
MBUAPCD
07579,300.02
Mr. Gregory Chee
Page 2

at the address contained on the attached applications. The information contained in Section 1A, 2A, and 2B of the previous applications are incorrect.

If you have any questions, please call either the undersigned or Mr. Phil Crispell.

Yours very truly,

HARDING LAWSON ASSOCIATES

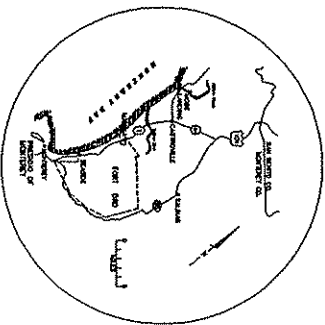


Christopher R. Smith
Senior Associate Hydrogeologist

CRS:SS:ld/SS977-R

cc: Harvey D. Jones, Sacramento District Corps of Engineers

PHASE II VAPOR RECOVERY SYSTEM



SCHEDULE OF DRAWINGS		
CONSECUTIVE SHEET NO.	DRAWING SHEET NO.	DRAWING TITLES
1 OF 11	G1	WICINITY MAP & SCHEDULE OF DRAWINGS
2 OF 11	G2	ABBREVIATIONS & GENERAL NOTES
3 OF 11	G3	LOCATION MAP - MAIN GARRISON
4 OF 11	G4	LOCATION MAP - PRESIDIO OF MONTEREY
5 OF 11	C1	SITE PLAN - FACILITY 4220 ✓
6 OF 11	C2	SITE PLAN - FACILITY 1060 ✓
7 OF 11	C3	SITE PLAN - FACILITY 2041 ✓
8 OF 11	C4	SITE PLAN - FACILITY 1670 ✓
9 OF 11	C5	SITE PLAN - FACILITY 230 ✓
10 OF 11	C6	DISPENSER DETAILS
11 OF 11	C7	TANK PIPING & TRENCH DETAILS

FORT ORD COMPLEX, CA
LARGE THROUGHPUT STATIONS



DRAFT

 HNTB HNTB Associates, Inc. 1000 California Street, Suite 1000 San Francisco, CA 94109	
FORT ORD COMPLEX PHASE II VAPOR RECOVERY SYSTEM WICINITY MAP & SCHEDULE OF DRAWINGS	
CA	
G1 1 OF 11 106-25-961	

 Harris Integrated Location, Identification, Counting and Estimating Data Since 1964		FORT ORD COMPLEX PHASE II VAPOR RECOVERY SYSTEM SITE PLAN - FACILITY 2041	
1. SHEET#		CA	
2. DRAWING			
3. NAME			
4. DATE			
5. SCALE			
6. COMMENTS			
7. OR		186-25-981	

ABBREVIATIONS

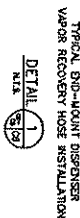
A.C.	ASPHALT CONCRETE
BUDG	BUILDING
E	ELECTRICAL CONDUIT
FPP	FIBERGLASS-REINFORCED PLASTIC
G	NATURAL GAS
MC	MOTOR CONTROL
MM	MANHOLE
NTS	NOT TO SCALE
OH	OVERHEAD UTILITIES
P	REDUCED
PP	POWER POLE
R	REGULAR
SS	SEWERY SEWER
TP	TYPICAL
U	UNLEADED
V	TANK VENT
VR	VAPOR RECOVERY
W	WATER
WWF	WELDED WIRE FABRIC

GENERAL NOTES

- LOCATIONS OF EXISTING UTILITIES AND STRUCTURES SHOWN ON THE DRAWINGS ARE FOR INFORMATION ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND DEPTH OF ALL UTILITIES AND STRUCTURES. THE DESIGN OF INSTALLED SYSTEMS AS A RESULT OF FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER'S DESIGNATED REPRESENTATIVE AND APPROVED BY HIM PRIOR TO STARTING OR CONTINUING ANY WORK.
- CONTRACTOR SHALL MAINTAIN SUITABLE JEANS OF ACCESS TO FACILITIES TO WHICH ACCESS IS CONSIDERED NECESSARY BY THE CONTRACTING OFFICER'S DESIGNATED REPRESENTATIVE.
- HAUL ROUTES SHALL BE VERIFIED WITH THE FACILITIES ENGINEER. ALL BASE REGULATIONS AND REQUIREMENTS SHALL BE STRICTLY FOLLOWED.
- PITCH ALL VAPOR RECOVERY PIPING UP 1/8" PER FT. MINIMUM FROM TANK CONNECTIONS TO RISERS AT EACH DISPENSER.
- ALL VAPOR RECOVERY PIPE SHALL BE FIBERGLASS-REINFORCED PLASTIC EXCEPT WHERE INDICATED ON DETAILS.
- ALL WORK NEAR GASOLINE DISPENSING AND STORAGE TANK AREAS SHALL BE DONE IN ACCORDANCE WITH CLASS 1 DIVISION 1 HAZARDOUS LOCATION NATIONAL ELECTRICAL CODE REQUIREMENTS.
- INSTALLATION OF SYSTEM COMPONENTS SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
- VAPOR RECOVERY SYSTEMS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS, AND SHALL BE CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD.
- WHEN UTILITY LINES NOT INDICATED ON THE DRAWINGS ARE ENCOUNTERED, THE CONTRACTING OFFICER'S DESIGNATED REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY.
- CONTRACTOR SHALL PRESERVE IN OPERATING CONDITION, UNLESS OTHERWISE NOTED, ACTIVE UTILITIES TRAVERSING PROJECT SITE. CONTRACTOR SHALL REPAIR DAMAGE TO SUCH UTILITIES CAUSED BY WORK UNDER THIS CONTRACT TO THE SATISFACTION OF THE CONTRACTING OFFICER'S DESIGNATED REPRESENTATIVE.
- IF A UTILITY DISCONNECTION WILL INTERRUPT THE UTILITY SERVICES TO AN AREA, CONTRACTOR SHALL ADVISE THE CONTRACTING OFFICER'S DESIGNATED REPRESENTATIVE AT LEAST 72 HOURS IN ADVANCE OF THE INTERRUPTION.
- CONTRACTOR TO FORTNITE PRIOR TO TRENCHING IN AREAS WHICH REPRESENT POTENTIAL INTERFERENCE WITH EXISTING UTILITIES OR PIPING.
- THE CONTRACTOR SHALL VERIFY WITH THE FACILITIES ENGINEER THE DATES AND TIMES WHEN EQUIPMENT AND MATERIALS WILL BE ALLOWED ONTO BASE.
- THICKNESS OF EXISTING A.C. OR CONCRETE IS UNKNOWN AND SHOULD BE VERIFIED BY CONTRACTOR AT INDIVIDUAL SITES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED TO PERFORM THIS WORK, EXCEPT FOR THE AUTHORITY TO CONSTRUCT ISSUED BY THE MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT.

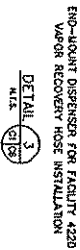
DRAFT

 United States Air Force 100th Air Refueling Wing Fort Ord, CA 92341		FORT ORD COMPLEX CA	
S. FORTNITE S. FORTNITE		PHASE II VAPOR RECOVERY SYSTEM ABBREVIATIONS & GENERAL NOTES	
1. WWD		02 2 OF 11 166-25-981	



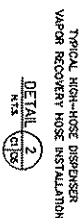
- 1 HIGH HOSE RETRACTOR
- 2 COAXIAL HOSE CLAMP
- 3 COAXIAL BACKWAX
- 4 1-1/2" O.D. COAXIAL HOSE
- 5 NOZZLE HOOD
- 6 COAXIAL NOZZLE (1-7/8" PORT SIZE)
- 7 JUMPER ROSE
- 8 FLOW REGULATOR (10 GPM)
- 9 WAGON CHUCK VALVE
- 10 1" DIA. GALVANIZED STEEL RISER
- 11 BRASS/STEEL FITTING BETWEEN REINFORCED PLASTIC PIPE AND GALVANIZED STEEL
- 12 2" DIA. REINFORCED PLASTIC PIPE
- 13 REINFORCED REINFORCED PLASTIC REINFORCED RISER
- 14 1" DIA. REINFORCED REINFORCED PIPE

CONTRACTOR TO SUPPLY & INSTALL:



NOTES (END-MOUNT DISPENSER FOR 4220):

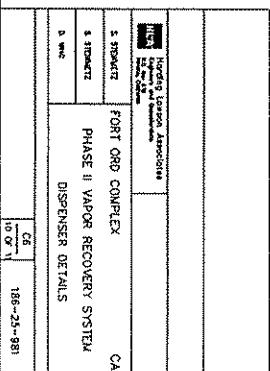
1. DISPENSER NOZZLE REST AND ENERGIZING SWITCH MAY REQUIRE RECONFIGURATION TO AN END LOADING POSITION. DETAIL SHOWS NOZZLE IN AN END LOADING POSITION.
2. DISPENSER DETAIL IS NOT TO SCALE. ISLAND THICKNESS INDICATED IS APPROXIMATE.



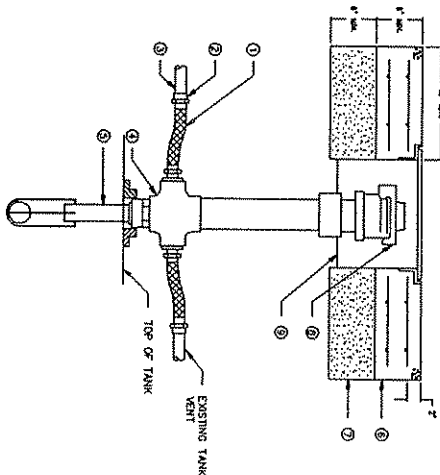
- ① FLOABLE VAPOR RETURN HOSE
- ② VAPOR CHECK VALVE
- ③ 1-5/8" O.D. COAXIAL HOSE WHP (12')
- ④ COAXIAL BREAKAWAY
- ⑤ FLOABLE PRODUCT SUPPLY HOSE
- ⑥ 1-5/8" O.D. COAXIAL HOSE W/ VENTURI (10.5' MAX.)
- ⑦ COAXIAL NOZZLE (1-7/8" PORT SIZE)
- ⑧ FLOW REGULATOR (10 GPM)
- ⑨ CONNECTION TO EXISTING PRODUCT SUPPLY
- ⑩ VENTURI (41 HOSE)
- ⑪ 1" D.I. GALVANIZED STEEL RISER (18" MIN.)
- ⑫ TRANSITION FITTING BETWEEN NEBRASKA REINFORCED PIPE AND GALVANIZED STEEL
- ⑬ 1" NEBRASKA REINFORCED PIPE TO 2" VAPOR RECOVERY HEATER
- ⑭ VAPOR RETURN FROM OPPOSITE SIDE OF DISPENSER

NOTES (HIGH-HOSE DISPENSER):

1. HOSE MAY NOT TOUCH TOP OF ISLAND.
2. DISPENSER DETAIL IS NOT TO SCALE. ISLAND THICKNESS REQUIRES FIELD VENTILATION.



- CONTRACTOR TO SUPPLY & INSTALL
- ① 2" FEMALE CONNECTION (TYP.)
- ② 2" COUPLING (TYP.)
- ③ 2" IRREGULAR SCHEDULED PIPE FROM FEMALE CONNECTION TO REEFER AT DISPENSER
- ④ 1/4" X 1/2" X 2" WELD-COLLAR EXTRACTOR FITTING
- ⑤ FLOAT-VALVE VALVE
- ⑥ CONCRETE SLAB W/ 2" LATHING OF #4 REBAR @ 4" O.C. EACH WAY, TOP & BOTTOM
- ⑦ APPROXIMATE BASE
- ⑧ 4" SCHEDULE 40 PIPE CAP
- ⑨ 12" CAST IRON ACCESS MANHOLE



TYPICAL TANK PIPING &
EXTRACTOR MANHOLE

DETAIL
NTS
1
A-C7

- NOTES (PANK PIPING & EXTRACTOR MAINLINE):
1. ALL MATERIALS SUPPLIED AND INSTALLED ARE DETAILED IN THE TECHNICAL SPECIFICATIONS OF CONSTRUCTION DOCUMENTS.
 2. PLEASURE CONNECTIONS SHALL BE CATHODICALLY PROTECTED WITH ANODES MADE BY THE SAME MANUFACTURER. THE CONNECTIONS SHALL BE ELECTRICALLY ISOLATED FROM THE PANK

-
- Figure 1 is a cross-sectional diagram of a road construction. It shows a transition from a paved area on the left to an unpaved area on the right. The paved area consists of several layers: a 10 cm concrete base, a 10 cm AC (30% lifts max) or 8% min. AC concrete base, and a 10 cm AC concrete base. Below these is a 10 cm AC concrete base. The unpaved area shows a 10 cm AC concrete base, a 10 cm AC concrete base, and a 10 cm AC concrete base. The diagram also shows a 10 cm AC concrete base, a 10 cm AC concrete base, and a 10 cm AC concrete base. The diagram is labeled with dimensions and material specifications.

TYPICAL PHASE II VAPOR
RECOVERY PIPING TRENCH

DETAIL
KTS
2
02/07

- NOTES (PHASE II VAPOR RECOVERY PIPING METHOD):
1. FOR BUTTLE PIPE TECHNIQUES, MINIMUM SEPARATION BETWEEN PIPES SHALL BE 6".
 2. SURFACE MATERIAL (5% MIN. % CONCRETE OR SOL.) TO MATCH EXISTING.
 3. REINFORCEMENT FOR CONCRETE TECHNIQUES TO BE 6" x 6" @ 6' W/C.
 4. FOR MANHOLE DETAILS SEE TECHNICAL SPECIFICATIONS SECTION 02221 EXCAVATION, REINFORCEMENT, AND BACKFILLING FOR UTILITY SYSTEMS.

DRAFT

1. Location 2. Address 3. City 4. State 5. Zip		6. Project Name 7. Project Description 8. Project Status 9. Project Manager 10. Project Engineer 11. Project Designer 12. Project Architect 13. Project Contractor 14. Project Subcontractor 15. Project Supplier 16. Project Manufacturer 17. Project Distributor 18. Project Installer 19. Project Maintainer 20. Project Operator 21. Project User 22. Project Owner 23. Project Sponsor 24. Project Stakeholder 25. Project Partner 26. Project Vendor 27. Project Supplier 28. Project Manufacturer 29. Project Distributor 30. Project Installer 31. Project Maintainer 32. Project Operator 33. Project User 34. Project Owner 35. Project Sponsor 36. Project Stakeholder 37. Project Partner 38. Project Vendor 39. Project Supplier 40. Project Manufacturer 41. Project Distributor 42. Project Installer 43. Project Maintainer 44. Project Operator 45. Project User 46. Project Owner 47. Project Sponsor 48. Project Stakeholder 49. Project Partner 50. Project Vendor 51. Project Supplier 52. Project Manufacturer 53. Project Distributor 54. Project Installer 55. Project Maintainer 56. Project Operator 57. Project User 58. Project Owner 59. Project Sponsor 60. Project Stakeholder 61. Project Partner 62. Project Vendor 63. Project Supplier 64. Project Manufacturer 65. Project Distributor 66. Project Installer 67. Project Maintainer 68. Project Operator 69. Project User 70. Project Owner 71. Project Sponsor 72. Project Stakeholder 73. Project Partner 74. Project Vendor 75. Project Supplier 76. Project Manufacturer 77. Project Distributor 78. Project Installer 79. Project Maintainer 80. Project Operator 81. Project User 82. Project Owner 83. Project Sponsor 84. Project Stakeholder 85. Project Partner 86. Project Vendor 87. Project Supplier 88. Project Manufacturer 89. Project Distributor 90. Project Installer 91. Project Maintainer 92. Project Operator 93. Project User 94. Project Owner 95. Project Sponsor 96. Project Stakeholder 97. Project Partner 98. Project Vendor 99. Project Supplier 100. Project Manufacturer 101. Project Distributor 102. Project Installer 103. Project Maintainer 104. Project Operator 105. Project User 106. Project Owner 107. Project Sponsor 108. Project Stakeholder 109. Project Partner 110. Project Vendor 111. Project Supplier 112. Project Manufacturer 113. Project Distributor 114. Project Installer 115. Project Maintainer 116. Project Operator 117. Project User 118. Project Owner 119. Project Sponsor 120. Project Stakeholder 121. Project Partner 122. Project Vendor 123. Project Supplier 124. Project Manufacturer 125. Project Distributor 126. Project Installer 127. Project Maintainer 128. Project Operator 129. Project User 130. Project Owner 131. Project Sponsor 132. Project Stakeholder 133. Project Partner 134. Project Vendor 135. Project Supplier 136. Project Manufacturer 137. Project Distributor 138. Project Installer 139. Project Maintainer 140. Project Operator 141. Project User 142. Project Owner 143. Project Sponsor 144. Project Stakeholder 145. Project Partner 146. Project Vendor 147. Project Supplier 148. Project Manufacturer 149. Project Distributor 150. Project Installer 151. Project Maintainer 152. Project Operator 153. Project User 154. Project Owner 155. Project Sponsor 156. Project Stakeholder 157. Project Partner 158. Project Vendor 159. Project Supplier 160. Project Manufacturer 161. Project Distributor 162. Project Installer 163. Project Maintainer 164. Project Operator 165. Project User 166. Project Owner 167. Project Sponsor 168. Project Stakeholder 169. Project Partner 170. Project Vendor 171. Project Supplier 172. Project Manufacturer 173. Project Distributor 174. Project Installer 175. Project Maintainer 176. Project Operator 177. Project User 178. Project Owner 179. Project Sponsor 180. Project Stakeholder 181. Project Partner 182. Project Vendor 183. Project Supplier 184. Project Manufacturer 185. Project Distributor 186. Project Installer 187. Project Maintainer 188. Project Operator 189. Project User 190. Project Owner 191. Project Sponsor 192. Project Stakeholder 193. Project Partner 194. Project Vendor 195. Project Supplier 196. Project Manufacturer 197. Project Distributor 198. Project Installer 199. Project Maintainer 200. Project Operator 201. Project User 202. Project Owner 203. Project Sponsor 204. Project Stakeholder 205. Project Partner 206. Project Vendor 207. Project Supplier 208. Project Manufacturer 209. Project Distributor 210. Project Installer 211. Project Maintainer 212. Project Operator 213. Project User 214. Project Owner 215. Project Sponsor 216. Project Stakeholder 217. Project Partner 218. Project Vendor 219. Project Supplier 220. Project Manufacturer 221. Project Distributor 222. Project Installer 223. Project Maintainer 224. Project Operator 225. Project User 226. Project Owner 227. Project Sponsor 228. Project Stakeholder 229. Project Partner 230. Project Vendor 231. Project Supplier 232. Project Manufacturer 233. Project Distributor 234. Project Installer 235. Project Maintainer 236. Project Operator 237. Project User 238. Project Owner 239. Project Sponsor 240. Project Stakeholder 241. Project Partner 242. Project Vendor 243. Project Supplier	
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MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
1164 Monroe Street, Suite #10,
Salinas, California 93906-3596
(Facsimile #408 443-1064)

FACSIMILE COVER SHEET

4/4/90

TO: CHUCK MYRICK
HARDING, LAWSEN, & Assoc.

FROM: EVA GOODMAN

TITLE: AIR POLLUTION CONTROL ENGR.

SUBJECT: Phase II VAPOR RECOVERY installations
at FORT ORD & Presidio

COMMENT: letter sent to Corp of Engr. (Mar, 28, 1990)
INDICATING NEW DRAWINGS NEEDED
AND SAMPLE AUTHORITY TO CONSTRUCT

Number of pages transmitted (including cover sheet):
3

If you do not receive all the pages or should you have
any problems, please call (408) 443-1135.

443-1135

Thank you,

Eva Goodman



**MONTEREY BAY
UNIFIED AIR POLLUTION
CONTROL DISTRICT**

1164 Monroe Street, Suite #10
Salinas, California 93906-3596
(408) 443-1135
FAX (408) 443-1064

MAR 28 1990

District Board Members

Supervisor Mike Graves, Chair
San Benito County
Supervisor Marc Del Piero, Vice Chair
Monterey County
Supervisor Robbley Levy
Santa Cruz County
Supervisor Gary Patton
Santa Cruz County
Supervisor Barbara Shipnuck
Monterey County
Supervisor Sam Karas
Monterey County
Supervisor Karin Strasser Kauffman
Monterey County
Supervisor Ruth Kesler, Alternate
San Benito County

Lawrence D. Odle
Air Pollution Control Officer

Mr. Harvey Jones
U.S. Army Corp. of Engineer
650 Capitol Mall
Sacramento, CA 95814-4794

**SUBJECT: Authority to Construct
Nos. 5369 through 5373
Gasoline Dispensing Facilities**

Dear Mr. Jones:

The District has completed its evaluation of the proposal to install the required Phase II vapor recovery systems at five gasoline dispensing facilities located at:

Building 2041, Railroad Ave., Ft. Ord
Building 1060, 2nd St. and Quarter Master, Ft. Ord
Building 4220, North-South Blvd., Ft. Ord
Building 230, Ft. Mervine Pl., Presidio, Monterey
Building 1670, 8th St. and 4th Ave., Ft. Ord

The proposed modifications have been tentatively approved. Accordingly, Authorities to Construct have been issued and enclosed, and **must be posted or kept readily available at the respective operating premises.**

With regards to the drawings already submitted to the District, we telephoned Mr. Christopher Smith of Harding Lawson Associates, on March 26, 1990 to indicate the systems proposed in the drawings were unapprovable. The systems are unapprovable because Phase I and Phase II are manifolded together, this is not certified by the California Air Resources Board to achieve 95 percent efficiency. Therefore, **BEFORE CONSTRUCTION BEGINS NEW DRAWINGS MUST BE SUBMITTED TO THE DISTRICT FOR APPROVAL**—note Authority to Construct conditions 1a. and 1b.

Furthermore, please note condition three requires performing a vapor blockage test, and condition number five requires posting

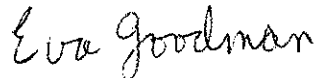
Mr. Harvey Jones
U.S. Army Corp. of Engineer
Page two:

signs with operating instructions and the District telephone number. The District has a limited supply of these signs available for \$1.00 each.

Based on the provisions of Rule 301 Schedule 9, the fee balance due for issuing the five Authorities to Construct is \$3,701.00. This represents eighty (80) percent of the permit issuance fee and must be paid within thirty days. The remaining twenty (20) percent is due and payable thirty days after the Permit to Operate is issued. The Permit to Operate will be issued when the modification is completed and approved by the District.

Your cooperation in this matter is appreciated. Should you have any questions, please do not hesitate to contact me at the District office.

Sincerely,



Eva Goodman
APC Engineer I

Enclosures: Authorities to Construct Nos. 5169-5373
Permit Fee Balance Statement

MONTEREY BAY UNIFIED AIR POLLUTION CONTROL DISTRICT
AUTHORITY TO CONSTRUCT

SALINAS, CALIFORNIA 93906 — TELEPHONE: (408) 443-1135

APPLICATION NUMBER

5369

AN AUTHORITY TO CONSTRUCT IS GRANTED AS OF MAR 28 1990

LEGAL OWNER
OR OPERATOR:

U.S. ARMY, FORT ORD

EQUIPMENT
LOCATED AT:

Building 2041
Railroad Avenue
Fort Ord, CA

EQUIPMENT
DESCRIPTION
AND
CONDITIONS:

THIS AUTHORITY TO CONSTRUCT IS ISSUED AND IS VALID FOR
THIS EQUIPMENT ONLY WHILE IT IS IN THE CONFIGURATION
SET FORTH IN THE FOLLOWING DESCRIPTION:

GASOLINE DISPENSING FACILITY (3):

Installation Of A California Air Resources Board Certified Phase II
Vapor Recovery System Including Three Coaxial Nozzles, Associated Nozzle
Component Parts, and Underground Piping And Manifolding.

THE EQUIPMENT FOR WHICH THIS AUTHORITY TO CONSTRUCT IS ISSUED MAY BE
OPERATED ONLY WHEN IN COMPLIANCE WITH THE FOLLOWING CONDITIONS:

Conditions:

- 1a. Details of the Phase II vapor recovery system, including but not
limited to, drawings showing underground piping configuration, and
nozzle, vapor check valve, flow limiter, dispenser, coaxial hose,
and high hose retractor specifications, must be submitted to the
District and receive District approval before construction or
installation begins.
- 1b. The name of the contractor shall be furnished to the District before
construction begins.

page 1 of 2

THIS AUTHORITY TO CONSTRUCT IS NOT A PERMIT TO OPERATE!

APPROVAL OR DENIAL OF THE APPLICATION FOR PERMIT TO OPERATE THE ABOVE EQUIPMENT WILL BE MADE AFTER AN INSPECTION TO DETERMINE
IF THE EQUIPMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, AND IF THE EQUIPMENT CAN BE
OPERATED IN COMPLIANCE WITH ALL RULES AND REGULATIONS OF THE AIR POLLUTION CONTROL DISTRICT.

PLEASE NOTIFY Eva Goodman AT (408) 443-1135 WHEN CONSTRUCTION OF EQUIPMENT IS COMPLETED.

IT IS THE APPLICANT'S RESPONSIBILITY TO COMPLY WITH ALL LAWS, ORDINANCES, AND REGULATIONS OF OTHER GOVERNMENTAL AGENCIES WHICH
ARE APPLICABLE TO THE EQUIPMENT TO BE CONSTRUCTED.

THIS AUTHORITY TO CONSTRUCT WILL EXPIRE TWO YEARS
FROM DATE SHOWN, OR EARLIER, IF ANY CHANGE OF OWNERSHIP
OR LOCATION, OR MODIFICATION OCCURS.

AIR POLLUTION CONTROL OFFICER

BY [Signature]

MAR 28 1990

DATE:

2. The Phase II vapor recovery system shall be installed and fully operational by February 22, 1991.
3. Within thirty (30) days upon completion of construction, the permittee shall conduct and submit the results of a vapor blockage test of the Phase II vapor recovery system including nozzle, vapor hose, swivels, and underground piping. The District shall be notified a minimum of 48 hours prior to the vapor blockage test so that the District may be present to observe. The maximum allowable pressure drop through the system is as follows:
 - a. 0.15 inch water at a flow of 20 CFH; or
 - b. 0.45 inch water at a flow of 60 CFH; or
 - c. 0.95 inch water at a flow of 100 CFH.
4. All vapor line connections, fittings, lines and caps, and seals between nozzles and vehicles shall be vapor tight.
5. Nozzle operating instruction signs with the District's telephone number for reporting complaints shall be clearly posted.
6. The gasoline dispensing rate shall not exceed 10 gallons per minute.
7. All dispensers shall be equipped with the high-retractor high-hang hose configuration.
8. Any representative of the Monterey Bay Unified Air Pollution Control District authorized by the Air Pollution Control Officer shall be permitted:
 - a) to enter upon the premises where the source is located or in which any records are required to be kept under the terms and conditions of the Authority to Construct;
 - b) to have access to and copy any records required to be kept under the terms and conditions of this Authority to Construct;
 - c) to inspect any equipment, operation, or process described or required in this Authority to Construct; and,
 - d) to sample emissions from the source.

NOTE: The permit to be issued upon completion of construction shall replace Permit to Operate No. 755A issued to the U.S. Army, Fort Ord in the year 1989. The annual permit renewal date will remain August 30.

FL MIT FEE DETERMINATION

By: EVA GOODMAN

Date: 3/27/90

Appl. # 5369

Source: U.S. ARMY, Ft ORD

Process: GAS DISPENSING FACILITY

48
5
290

Rule 301 Fees — Schedule 9

#230 + 44 (# NOZZLE)
230 + 44 (3)
230 + 132 = 362

For AC Issuance (80%): #362(0.80)
= 289.60 $\Rightarrow$ 290.00

For FO Issuance: # 300 + 46(2)

300 + 92

392

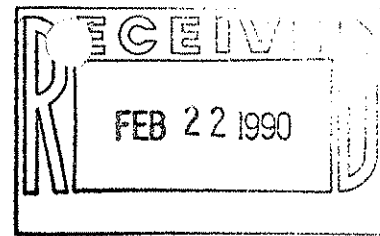
- 290

102

in letters reemphasize
phase I & II shall not
be manifolded

issue to Harvey Jones
Greg phoned Chris Smith
indicating drawing
untested systems could
phase I & II manifolded.
Indicate in letter the
problem. Chris said
he would notify designer

Harding Lawson Associates



February 20, 1990

07579,300.02

Monterey Bay Unified Air Pollution Control District
1164 Monroe Street, Suite 10
Salinas, California 93906

Attention: Mr. Gregory Chee

Gentlemen:

Phase II Vapor Recovery Permits

Enclosed please find the Permit Application for the following buildings at the Fort Ord Complex:

Fort Ord

Building 1060

Building 1670

Building 2041

Building 4220

*no info on # of
nozzles in DATABASE*

Presidio of Monterey

Building 230

Buildings 2037, 2039 and 2041 are considered one facility and are herein labeled Building 2041. The drawings contained in the permit applications are submitted in draft. If revisions are necessary after the Army's review, Harding Lawson Associates will resubmit revised drawings.

If you have any questions, please call either the undersigned or Mr. Phil Crispell.

Yours very truly,

HARDING LAWSON ASSOCIATES

Christopher R. Smith
Senior Associate Hydrogeologist

CRS/dc/crs266#3

cc: Harvey D. Jones, Sacramento District Corps of Engineers
Joseph Cochran, Headquarters 7th Infantry Division, Fort Ord

RESPONSIBLE PARTY:



US Army Corps of Engineers
Sacramento District

HARVEY D. JONES

Project Manager
Installation Support Section

650 Capitol Mall
Sacramento, CA 95814-4794
(916) 551-2254
(FTS) 460-2254

Harding Lawson Associates



Transmittal/Memorandum

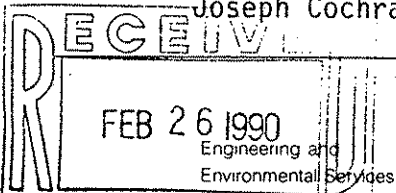
To: Monterey Bay Unified Air Pollution Control District
1164 Monroe Street, Suite 10
Salinas, California 93906
Attention: Mr. Gregory Chee

From: Philip B. Crispell *Phil*
Date: February 23, 1990
Subject: Permit Application Fee
Job No.: 07579,300.02

Remarks:

Enclosed please find the Permit Application Fee for the five (5) applications for Phase II Vapor Recovery that HLA submitted on February 22, 1990 on behalf of Fort Ord and the Army Corps of Engineers.

cc: Harvey D. Jones, Sacramento District Corps of Engineers
Joseph Cochran, Headquarters 7th Infantry Division, Fort Ord



HARDING LAWSON ASSOC. TES. INC.

PH. 415-892-0821
7655 REDWOOD BLVD.
NOVATO, CA 94947

 Bank of America NT & SA
Novato Branch 0675
P.O. Box 26
Novato, CA 94948

7609

February 23 19 90

11-35/1210

PAY Two Hundred Ninety & no/100----- DOLLARS \$ 290.00

TO
THE
ORDER
OF

Monterey Bay Unified Air Pollution
Control District
1164 Monroe Street, Suite 10
Salinas, California 93906

IF OVER FIVE HUNDRED DOLLARS
MUST HAVE SECOND SIGNATURE



⑈007609⑈ ⑆121000358⑆ 06759⑈04400⑈

February 21, 1990

**Attachment to APCD Form #408 for
Building 2041, Fort Ord, California**

The drawings included with this permit application are part of a design package which Harding Lawson Associates (HLA) is submitting to the Sacramento District of the Army Corps of Engineers. When this package has been approved by the Corps and put into final form, the project will go out for competitive bid.

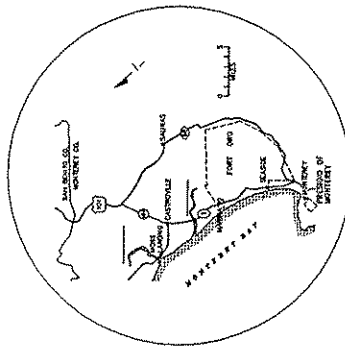
The contractor selected in the bid process will be responsible for satisfying all requirements of the bid package, including the installation of equipment which satisfies California Air Resources Board regulations, Monterey Bay Unified Air Pollution Control District rules, and other applicable rules and regulations.

The schedule for completion of the work will be agreed upon by the selected contractor and the Army.

This draft permit application will be resubmitted by HLA upon finalization of the design package. Contractor-specific information will be submitted by either the Army or HLA when a contractor is selected.

DRAFT

PHASE II VAPOR RECOVERY SYSTEM



FORT ORD COMPLEX, CA

SCHEDULE OF DRAWINGS		
CONSECUTIVE SHEET NO.	DISCIPLINE SHEET NO.	DRAWING TITLES
1 OF 9	G1	VICINITY MAP & SCHEDULE OF DRAWINGS
2 OF 9	G2	GENERAL NOTES & LEGEND
3 OF 9	C1	SITE PLAN - FACILITY 4220
4 OF 9	G2	SITE PLAN - FACILITY 1060
5 OF 9	C3	SITE PLAN - FACILITY 2041
6 OF 9	C4	SITE PLAN - FACILITY 1670
7 OF 9	C5	SITE PLAN - FACILITY 230
8 OF 9	C6	DISPENSER & TRENCH DETAILS
9 OF 9	C7	TANK PIPING ARRANGEMENT DETAIL

 NATIONAL LOW-LEVEL RADIOACTIVE WASTE MANAGEMENT INSTITUTE 10000 W. 10th Avenue Golden, CO 80401	Fort Ord Complex Phase II Vapor Recovery System Vicinity Map & Schedule of Drawings	CA	186-25-381
1. SITEWORK	2. SITEWORK	3. SITEWORK	4. SITEWORK
5. VINE	6. VINE	7. VINE	8. VINE
9. VINE	10. VINE	11. VINE	12. VINE
13. VINE	14. VINE	15. VINE	16. VINE

DRAFT

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT EACH SITE. ANY DEVIATION FROM THE DRAWINGS NECESSITATED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER AND APPROVED BY HIM PRIOR TO STARTING ANY WORK.
2. THE CONTRACTOR SHALL VERIFY WITH THE FACILITIES ENGINEER THE DATES AND TIMES WHEN EQUIPMENT AND MATERIALS WILL BE ALLOWED ONTO BASE.
3. HAUL ROUTES SHALL BE VERIFIED WITH THE FACILITIES ENGINEER. ALL BASE REGULATIONS AND REQUIREMENTS SHALL BE STRICTLY FOLLOWED.
4. PITCH ALL VAPOR RECOVERY PIPING UP 1/8" MINIMUM PER FT. FROM TANK CONNECTIONS TO RISERS AT EACH DISPENSER.
5. ALL VAPOR RECOVERY PIPE SHALL BE FIBERGLASS-REINFORCED PLASTIC EXCEPT WHERE INDICATED ON DETAILS.
6. ALL WORK NEAR GASOLINE DISPENSING AND STORAGE TANK AREAS SHALL BE DONE IN ACCORDANCE WITH CLASS 1 DIVISION 1 HAZARDOUS LOCATION NATIONAL ELECTRICAL CODE REQUIREMENTS.
7. INSTALLATION OF SYSTEM COMPONENTS SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURERS' INSTRUCTIONS AND RECOMMENDATIONS.
8. VAPOR RECOVERY SYSTEMS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS, AND SHALL BE CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD.
9. WHEN UTILITY LINES ARE ENCOUNTERED, THAT ARE NOT INDICATED ON THE DRAWINGS, THE CONTRACTING OFFICER SHALL BE NOTIFIED IMMEDIATELY.
10. CONTRACTOR SHALL PRESERVE, IN OPERATING CONDITION, UNLESS OTHERWISE NOTED, ACTIVE UTILITIES TRAVERSING PROJECT SITE. CONTRACTOR SHALL REPAIR DAMAGE TO SUCH UTILITIES CAUSED BY WORK UNDER THIS CONTRACT TO THE SATISFACTION OF THE CONTRACTING OFFICER.
11. IF A UTILITY DISCONNECTION WILL INTERRUPT THE UTILITY SERVICES TO AN AREA NOT INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL BE ADVISED BY THE CONTRACTING OFFICER AT LEAST 72 HOURS IN ADVANCE OF THE INTERRUPTION.

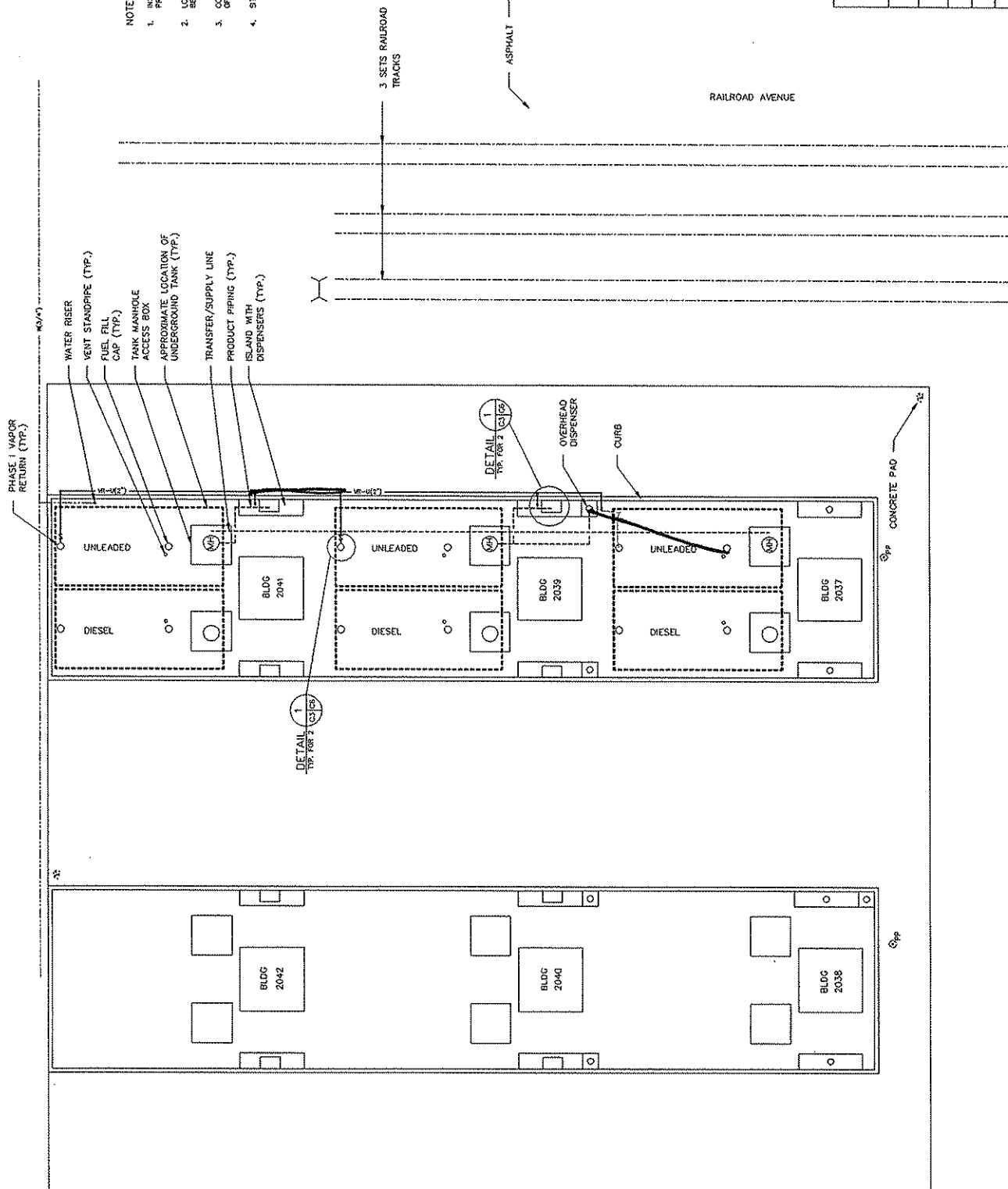
LEGEND

—X—	CONCRETE
—E—	ELECTRICAL
—G—	GAS (NATURAL)
—M—	MANHOLE
—MC—	MOTOR CONTROL
—DH—	OVERHEAD UTILITIES
—OP—	POWER POLE
—SS—	SANITARY SEWER
—VR-P—	VAPOR RECOVERY - PREMIUM
—VR-R—	VAPOR RECOVERY - REGULAR
—VR-U—	VAPOR RECOVERY - UNLEADED
—V—	TANK VENT
—V—	WATER

Hatch & Lander Associates Engineers & Architects 2000 S. Main Street San Jose, CA 95128		FORT ORD COMPLEX	
S. STEINMETZ	CA	PHASE II VAPOR RECOVERY SYSTEM	
S. STEINMETZ	GENERAL NOTES & LEGEND		
P. VING			
		C2	186-25-981
		2 OF 9	

DRAFT

- NOTES:
1. INSTALLATION DESIGN IS SHOWN SCHEMATICALLY. CONTRACTOR TO PROVIDE INSTALLATION DETAILS.
 2. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND SHOULD BE VERIFIED BY THE CONTRACTOR.
 3. CONTRACTOR'S WORK AREA TO BE DESIGNATED BY CONTRACTING OFFICER.
 4. SITE PLAN BASED ON FIELD SURVEY DATED: 11-2-89

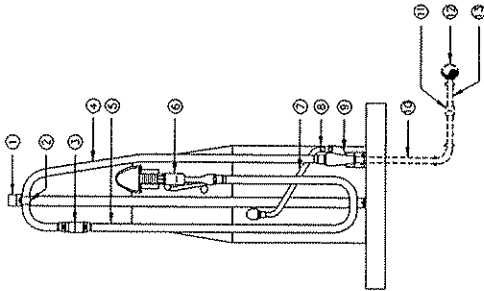


		Hording, Larson Associates Engineers/Architects P.O. Box 1000 Fort Ord, CA 95541		FORT ORD COMPLEX CA			
H&A		S. STEINMETZ		S. STEINMETZ		C3	
		D. WAG		PHASE II VAPOR RECOVERY SYSTEM SITE PLAN - FACILITY 2041		S. 08' 9"	
						106-25-981	

DRAFT

CONTRACTOR TO SUPPLY:

- 1 HIGH HOSE RETRACTOR (5 TO 7 FT)
- 2 COAXIAL HOSE CLAMP
- 3 COAXIAL BREAKAWAY
- 4 1-5/8" O.D. COAXIAL HOSE (6.5')
- 5 1-3/8" O.D. COAXIAL HOSE (5')
- 6 COAXIAL NOZZLE (1-7/8" PORT SIZE)
- 7 JUMPER HOSE
- 8 FLOW REGULATOR
- 9 VAPOR CHECK VALVE
- 10 1" DIA GALVANIZED STEEL RISER
- 11 TRANSITION FITTING BETWEEN FIBERGLASS REINFORCED PIPE AND GALVANIZED STEEL
- 12 2" DIA FIBERGLASS REINFORCED PIPE
- 13 1" DIA FIBERGLASS REINFORCED PIPE

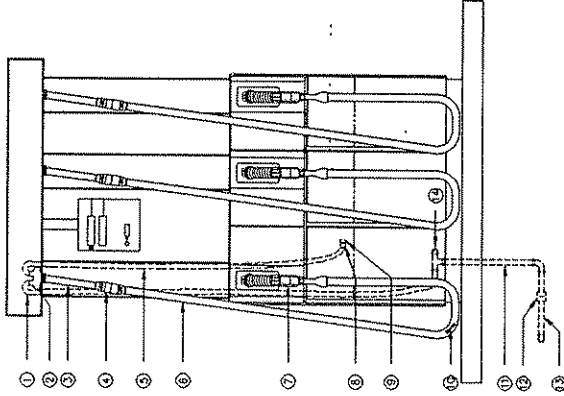


STANDARD DISPENSER

DETAIL 1
N.I.S. 1/2 1/2

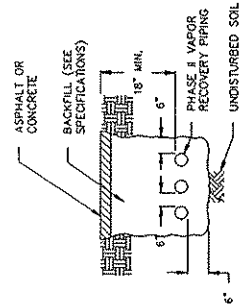
CONTRACTOR TO SUPPLY:

- 1 FLEXIBLE VAPOR RETURN HOSE
- 2 VAPOR CHECK VALVE
- 3 1-5/8" O.D. COAXIAL HOSE W/HP (12')
- 4 COAXIAL BREAKAWAY
- 5 FLEXIBLE PRODUCT SUPPLY HOSE
- 6 1-5/8" O.D. COAXIAL HOSE W/ VENTURI (10.5' MIN.)
- 7 COAXIAL NOZZLE (1-7/8" PORT SIZE)
- 8 FLOW REGULATOR
- 9 CONNECTION TO EXISTING PRODUCT SUPPLY
- 10 VENTURI (IN HOSE)
- 11 1" DIA. GALVANIZED STEEL RISER (18" MIN.)
- 12 TRANSITION FITTING BETWEEN FIBERGLASS REINFORCED PIPE AND GALVANIZED STEEL
- 13 1" FIBERGLASS REINFORCED PIPE
- 14 VAPOR RETURN FROM OPPOSITE SIDE OF DISPENSER



STANDARD HIGH-HOSE DISPENSER

DETAIL 2
N.I.S. 1/2 1/2

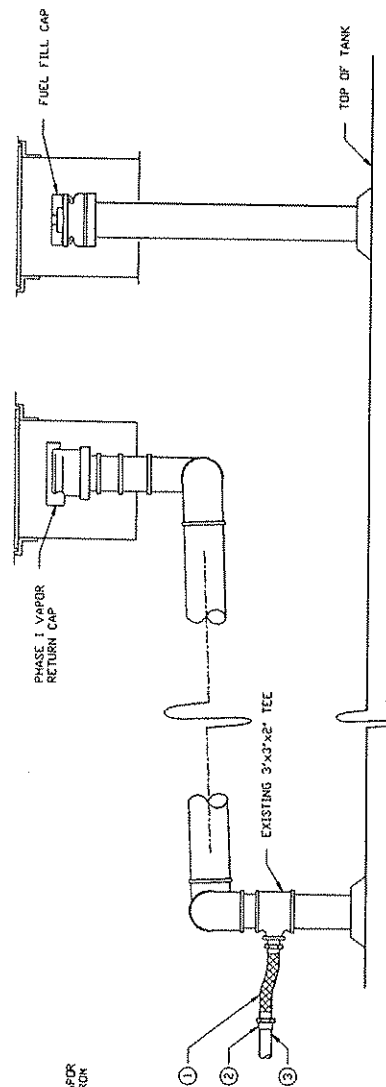
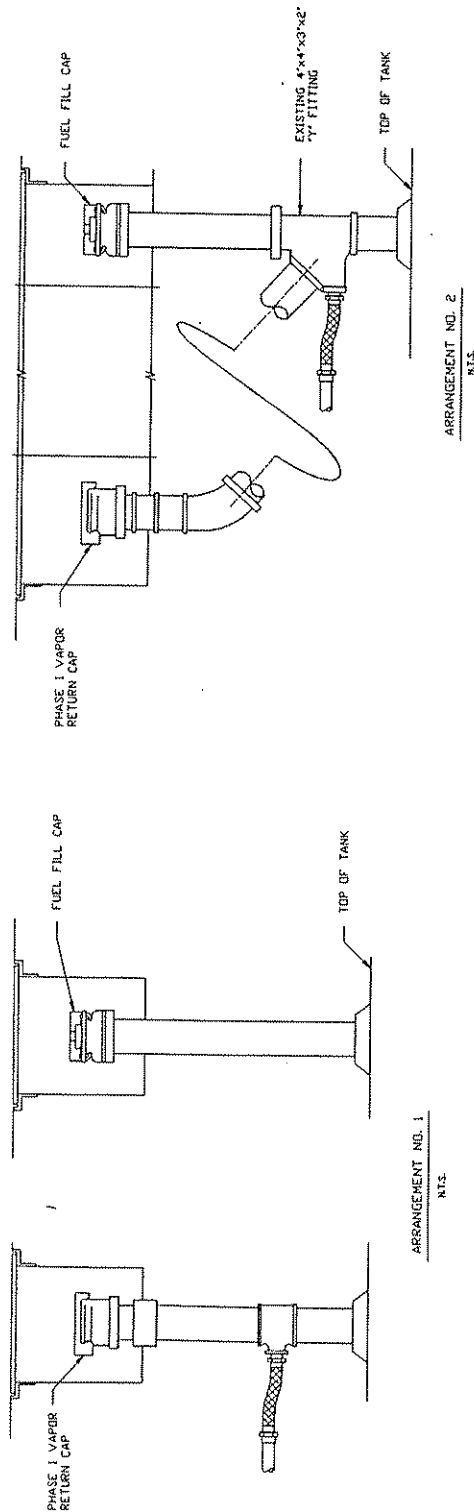


STANDARD PHASE II VAPOR RECOVERY TRENCH

SECTION 1
N.I.S. 1/2 1/2

Holding Location Associates Engineering & Construction 10000 10th Avenue, Suite 100 Denver, CO 80231		FORT ORD COMPLEX PHASE II VAPOR RECOVERY SYSTEM DISPENSER & TRENCH DETAILS		CA
S. TENDRICK	S. TENDRICK	D. WAG		
CS 1/2 1/2		CS 1/2 1/2		188-25-981

DRAFT



- CONTRACTOR TO SUPPLY
- ① 2' FLEXIBLE CONNECTION
- ② 2' COUPLING
- ③ 2" FRP PHASE II VAPOR RECOVERY PIPING FROM DISPENSER

ARRANGEMENT NO. 3
N.T.S.

ARRANGEMENT NO. 2

			 Houston League Associates Engineers and Constructors 10000 Katy Road, Suite 200 Houston, Texas 77054	FORT ORD COMPLEX PHASE II VAPOR RECOVERY SYSTEM TANK PIPING ARRANGEMENT DETAIL	CA
			S. STEWART		
			S. STEWART		
			S. WONG		

MONTEREY COUNTY UNIFIED AIR POLLUTION CONTROL DISTRICT
1164 Monroe St., Suite #10, Salinas, CA 93906 - (408) 443-1135
APPLICATION FOR AUTHORITY TO CONSTRUCT AND PERMIT TO OPERATE
GASOLINE DISPENSING FACILITIES

APPLICATION INSTRUCTIONS

- A. This form contains two sides. Use this form for gasoline storage tanks and Phase II vapor recovery equipment. Refer to APCD Form #407 for complete requirements.
- B. A filing fee of \$58.00 is required per application.
- C. If a facility is undergoing a transfer of ownership without modification and a valid District permit exists, the application fee is \$30.00.
- D. Fees must be paid by check or money order; your cancelled check is your receipt. (Cash will not be accepted.)

1A. Permit to be issued to: U.S. Army		1B. DBA: 	1C. 2041
Business License - Name of Organization to Receive Permit			Station No.
2A. Mailing Address: 650 Capitol Mall Sacramento CA			2B. 95814-4794
Number	Street	City/Community State	Zip Code
3A. Tank Location: Building 2041 Fort Ord CA			3B. Railroad Avenue
Number	Street	City/Community State	Cross Street
4. Facility Status		Est.Date Start Est.Date Complete	5. Type of Organization
Change of Ownership ☐			Corporation ☐
New Construction ☐			Partnership ☐
Tank Replacement/ Addition ☐			Lessee or Ind. Owner ☐
Vapor Recovery			Gov't Agency ☒
Nozzle Installation ☒ see attached sheet			
6. General Nature of Business			
Retail ☐			
Garage ☐			
Bulk Plant ☐			
Other (list) ☐			
Military ☐			
7. Name & Address of Gas Supplier: varies by monthly contract		8. Type of Delivery Vehicle: Bottom-unloading w/Phase I	

PHASE I VAPOR RECOVERY SYSTEM INFORMATION

9. System Type: Dual Point ☒ Coaxial ☐ Other (list) ☐

10. Gasoline Storage Tanks						
Tank Number	Type of Gasoline	Tank Capacity (gallons)	Fill Type		Tank Location	
			Vertical Drop	Offset	Above-Ground	Below-Ground
1	Unleaded	12,000	☒			☒
2	Unleaded	12,000	☒			☒
3	Unleaded	12,000	☒			☒
4						

From: "Robinson, Clinton W Mr CIV USA" <clinton.w.robinson@us.army.mil>
To: JWoodard@kleinfelder.com
Date: 2/9/2010 11:33 AM
Subject: FW: Address for L20.16.1, L20.16.2, and L20.16.3 (UNCLASSIFIED)
Attachments: APNs off Second avenue.pdf

Classification: UNCLASSIFIED
Caveats: FOUO

Jim,
I don't have any address for these parcels, but the attachment has APN numbers and building numbers.
Rob

-----Original Message-----

From: Stiebel, Cary A SPK Contractor [mailto:Cary.A.Stiebel@usace.army.mil]
Sent: Tuesday, February 09, 2010 11:04 AM
To: Robinson, Clinton W Mr CIV USA
Subject: RE: Address for L20.16.1, L20.16.2, and L20.16.3 (UNCLASSIFIED)

apns are in green, building numbers are in grey

-----Original Message-----

From: Robinson, Clinton W Mr CIV USA [mailto:clinton.w.robinson@us.army.mil]

Sent: Tuesday, February 09, 2010 9:33 AM
To: Stiebel, Cary A SPK Contractor
Subject: FW: Address for L20.16.1, L20.16.2, and L20.16.3 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: FOUO

Cary,

Is there anything on your data base that might have an address?

-----Original Message-----

From: Jim Woodard [mailto:JWoodard@kleinfelder.com]
Sent: Tuesday, February 09, 2010 9:06 AM
To: Robinson, Clinton W Mr CIV USA
Subject: Address for L20.16.1, L20.16.2, and L20.16.3

Rob,

Thanks for your help. We're looking for an address for each of the following parcels:

- L20.16.1
- L20.16.2
- L20.16.3

I've attached a couple of maps with the parcels. The sites are split up between the two. Please call me if you have any questions. I should be in the office all day today.

Thanks again, Rob,

~ Jim

K. James Woodard

Staff Professional

40 Clark Street, Suite J

Salinas, CA 93901

o| 831.755.7900 ext. 2201

c| 831.212.7664

f | 831.755.7909

<blocked<http://www.kleinfelder.com/>>

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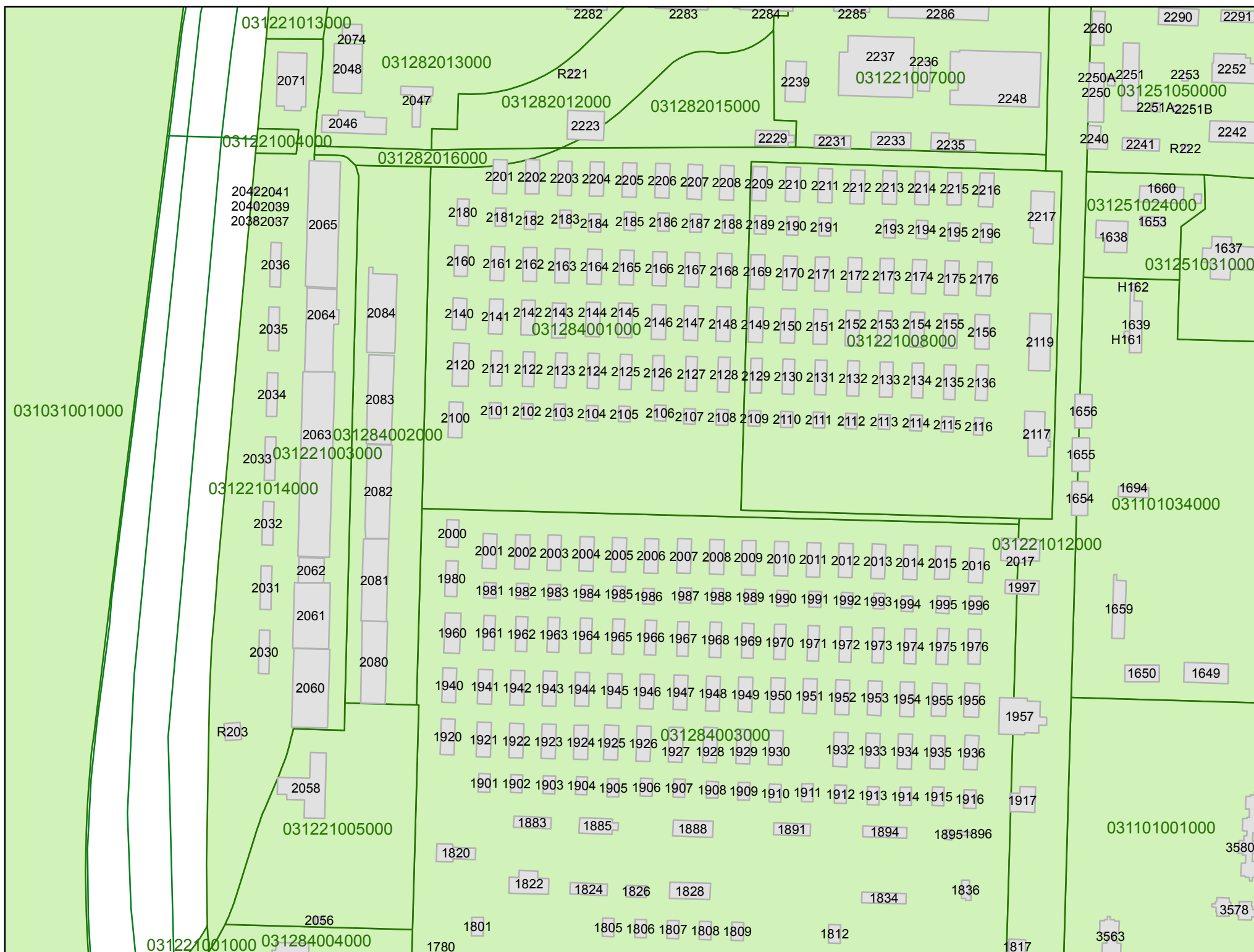
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Classification: UNCLASSIFIED

Caveats: FOUO

Classification: UNCLASSIFIED

Caveats: FOUO



Jim Woodard - Re: Fwd: Records Check for Fort Ord Parcels

From: "Grant Himebaugh" <Ghimebaugh@waterboards.ca.gov>
To: "Woodard, Jim" <JWoodard@kleinfelder.com>
Date: 3/8/2010 10:47 AM
Subject: Re: Fwd: Records Check for Fort Ord Parcels

Hi Jim,

After my meeting with the Ft. Ord environmental staff and their consultants, we located your parcels on one of their master parcel maps and here's the results:

1. These parcels are in a "Track O - 'read zero' area" meaning munitions were not used in the area. There are no munitions concerns.
2. The parcels overlie a Monterey County groundwater protection ordinance area. That means no water wells drilled on these parcels without the permission of the County, Army and Ft. Ord regulators (Water Board, DTSC and EPA).
3. These parcels most likely have land use covenants - again relating to the prohibition of drilling water wells. DTSC would be the source for any additional information on this topic.

That covers it.

- Grant

Grant Himebaugh
 Engineering Geologist
 805-542-4636 - work
 805-788-3533 - direct fax

Please take the time to fill out our electronic customer service survey located at:
<http://www.calepa.ca.gov/customer/CSForm.asp>

>>> "Jim Woodard" <JWoodard@kleinfelder.com> 3/3/2010 4:06 PM >>>

To the best of my knowledge, six feet is too far down the currently proposed construction for the site. If there is any change to that, I will let you know.

- Jim

>>> "Grant Himebaugh" <Ghimebaugh@waterboards.ca.gov> 3/3/2010 3:56 PM >>>

In case any of the property has explosives issues (outside my authority), does TAMC plan to excavate more than 6 feet deep anywhere on this property?

>>> "Jim Woodard" <JWoodard@kleinfelder.com> 3/3/2010 3:52 PM >>>

Yes, it's for a Phase I Environmental Site Assessment for the Transportation Agency of Monterey County (TAMC). TAMC owns the property.

- Jim

>>> "Grant Himebaugh" <Ghimebaugh@waterboards.ca.gov> 3/3/2010 3:46 PM >>>

Also, am I correct that this information is for a Phase I environmental assessment?

>>> "Jim Woodard" <JWoodard@kleinfelder.com> 3/3/2010 3:43 PM >>>
Thanks for clarifying. Yes, that's exactly what I'm looking for.

- Jim

K. James Woodard
Staff Professional
40 Clark Street, Suite J
Salinas, CA 93901
o| 831.755.7900 ext. 2201
c| 831.212.7664
f | 831.755.7909



>>> "Grant Himebaugh" <Ghimebaugh@waterboards.ca.gov> 3/3/2010 3:39 PM >>>

Hi Jim,

There was enough lag between your original phone call and February 24th email, that when your email didn't ask anything specific of me, I thought the email was just an fyi follow-up.

I've printed out your PDF map and will bring it to a meeting I have at Ft. Ord tomorrow. I should have a definitive answer to your question on Monday.

To clarify, I'm looking for known or suspected groundwater impacts. I'll also ask the Ft. Ord staff regarding any soil contamination (normally outside my scope). If you want any additional information, please let me know in the next hour.

- Grant

Grant Himebaugh
Engineering Geologist
805-542-4636 - work
805-788-3533 - direct fax

Please take the time to fill out our electronic customer service survey located at:
<http://www.calepa.ca.gov/customer/CSForm.asp>

>>> "Jim Woodard" <JWoodard@kleinfelder.com> 3/3/2010 2:40 PM >>>

Hi Grant,

Did you find any records relating to the listed parcels below? Please call me with any questions about the sites.
(831) 755-7900 x 2201

- Jim

>>> Jim Woodard 2/24/2010 10:23 AM >>>

Hi Grant,

Please see the attached reference and site information below. Parcel numbers are L16.20.1, L16.20.2, and L16.20.3

Based on other records, the site was a connection point for the rail line along the western edge of Fort Ord,

west and southwest of the intersection of 8th Street and 1st Avenue. There were some tanks removed in the mid '90s and there's an existing prohibition on tapping the groundwater below the site.

Thank you very much for your time. If you have any other questions, please call me at the office.

Jim

K. James Woodard
Staff Professional
40 Clark Street, Suite J
Salinas, CA 93901
o| 831.755.7900 ext. 2201
c| 831.212.7664
f| 831.755.7909



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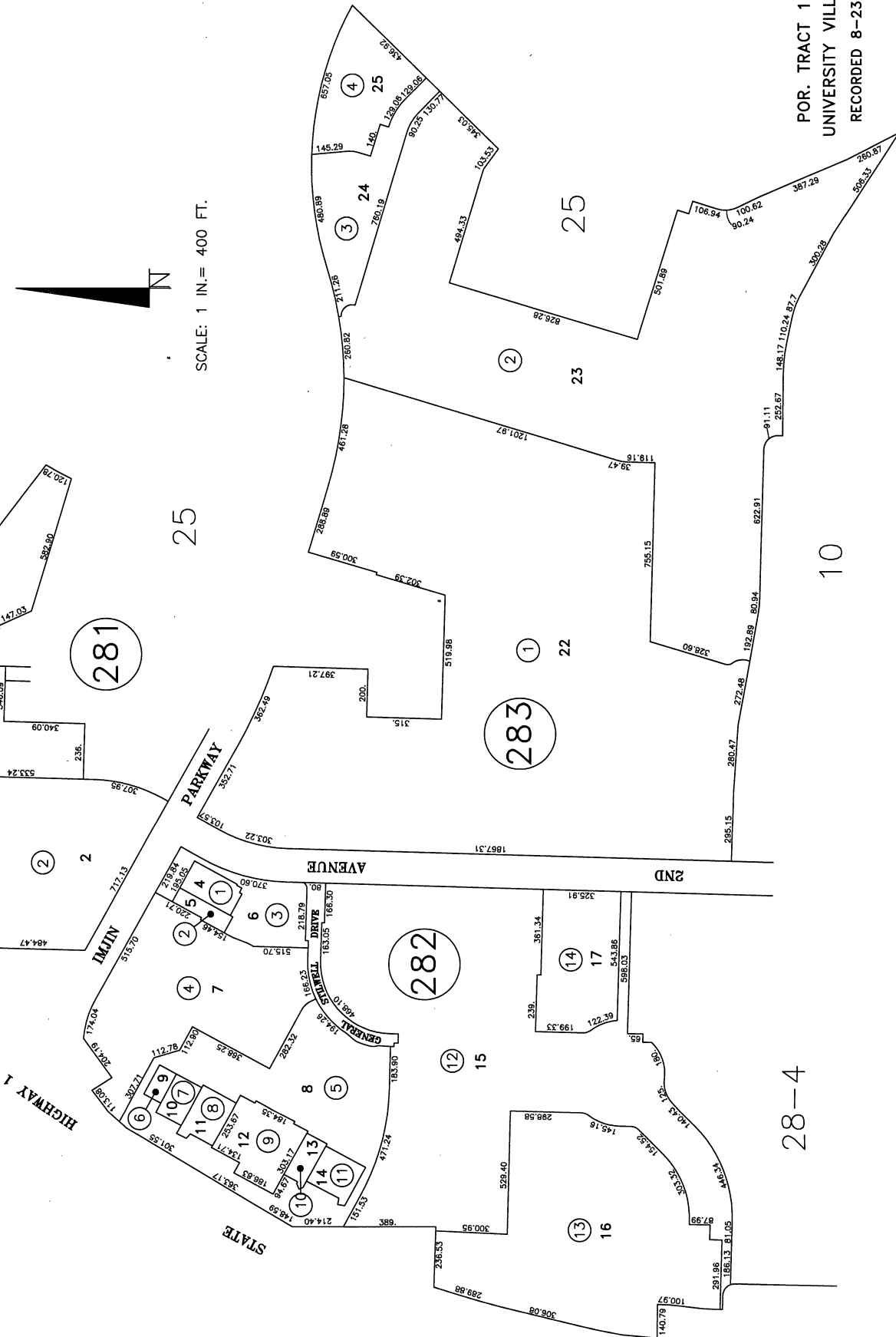
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APPENDIX D



Transit Oriented Development Site

8th Street and 1st Avenue

Fort Ord, CA 93944

Inquiry Number: 2696391.5

February 12, 2010

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

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. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

Aerial Photography February 12, 2010

Target Property:

8th Street and 1st Avenue

Fort Ord, CA 93944

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1956	Aerial Photograph. Scale: 1"=555'	Flight Year: 1956	Aero
1968	Aerial Photograph. Scale: 1"=500'	Flight Year: 1968	USGS
1975	Aerial Photograph. Scale: 1"=533'	Flight Year: 1975	NASA
1981	Aerial Photograph. Scale: 1"=690'	Flight Year: 1981	USGS
1987	Aerial Photograph. Scale: 1"=666'	Flight Year: 1987	USGS
1998	Aerial Photograph. Scale: 1"=666'	Flight Year: 1998	USGS
2005	Aerial Photograph. 1" = 604'	Flight Year: 2005	EDR



INQUIRY #: 2696391.5

YEAR: 1956

| = 555'





INQUIRY #: 2696391.5

YEAR: 1968

| = 500'

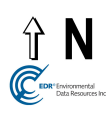




INQUIRY #: 2696391.5

YEAR: 1975

| = 533'





INQUIRY #: 2696391.5

YEAR: 1981

| = 690'





INQUIRY #: 2696391.5

YEAR: 1987

| = 666'





INQUIRY #: 2696391.5

YEAR: 1998

| = 666'





INQUIRY #: 2696391.5

YEAR: 2005

| = 604'



Transit Oriented Development Site

8th Street and 1st Avenue

Fort Ord, CA 93944

Inquiry Number: 2696391.4

February 10, 2010

The EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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Historical Topographic Map



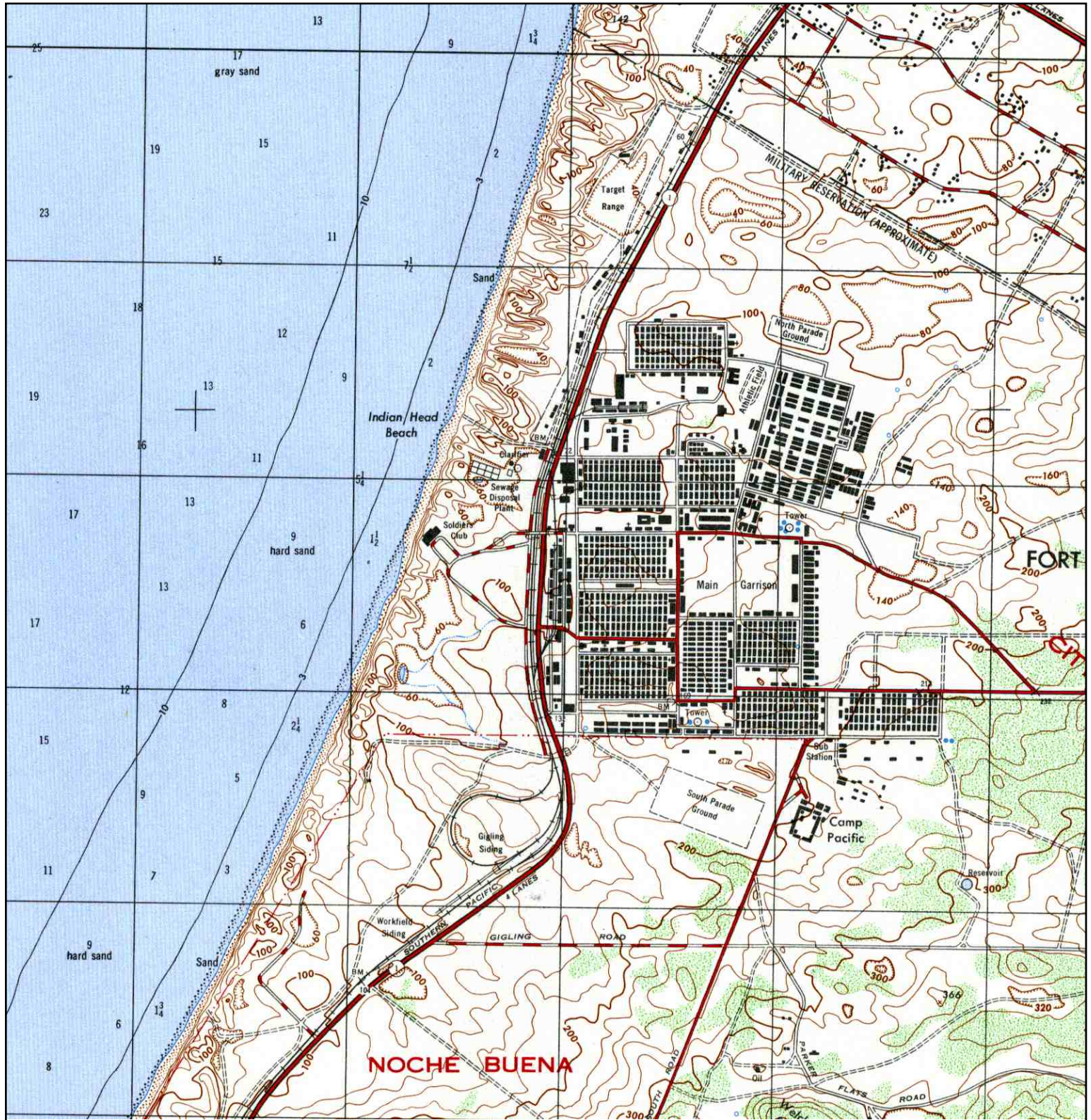
	TARGET QUAD NAME: MONTEREY MAP YEAR: 1913	SITE NAME: Transit Oriented Development Site ADDRESS: 8th Street and 1st Avenue Fort Ord, CA 93944 LAT/LONG: 36.6598 / 121.8157	CLIENT: Kleinfelder, Inc. CONTACT: Jim Woodard INQUIRY#: 2696391.4 RESEARCH DATE: 02/10/2010
	SERIES: 15 SCALE: 1:62500		

Historical Topographic Map



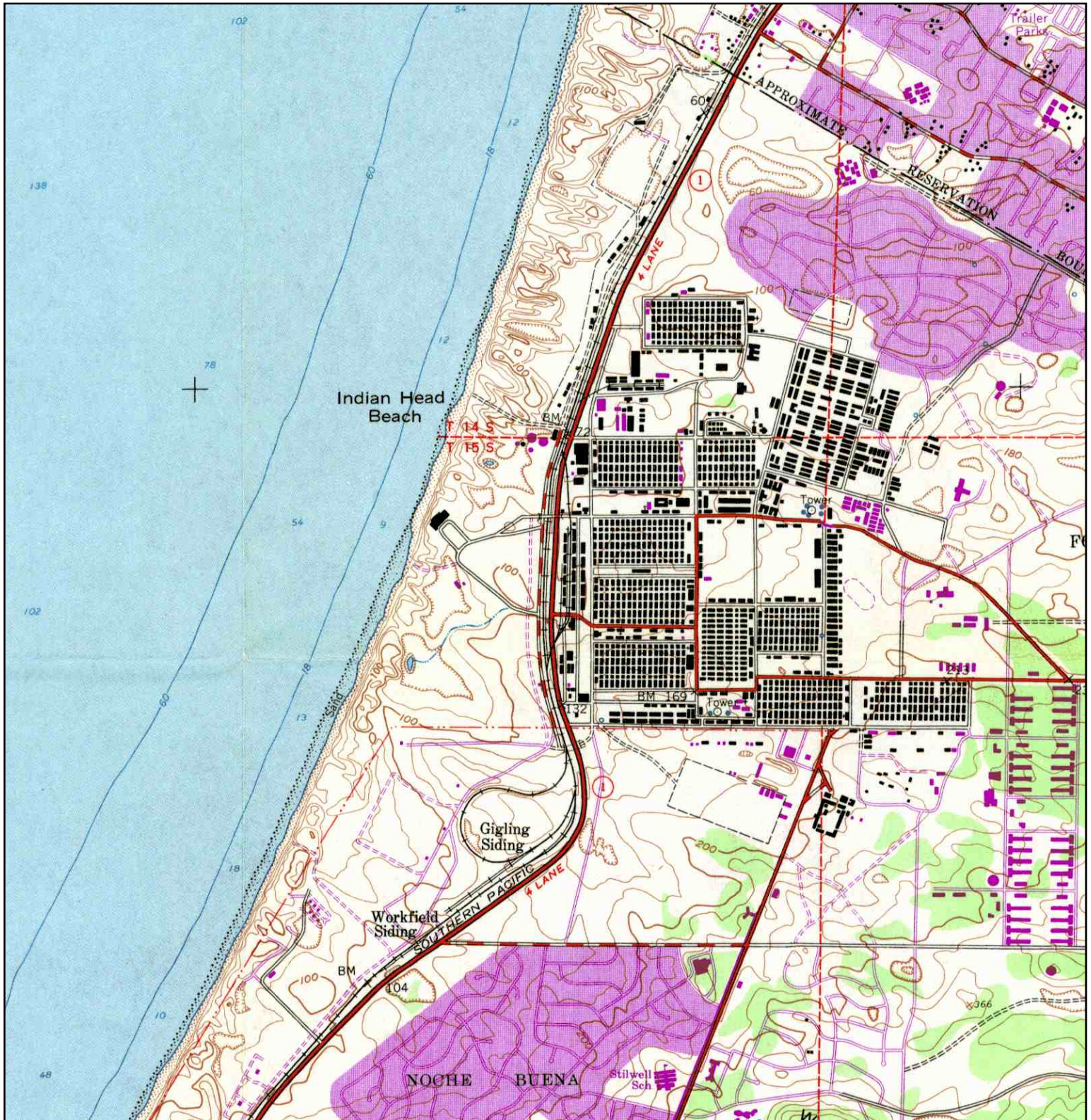
N ↑	TARGET QUAD NAME: MONTEREY MAP YEAR: 1947 SERIES: 15 SCALE: 1:62500	SITE NAME: Transit Oriented Development Site ADDRESS: 8th Street and 1st Avenue Fort Ord, CA 93944 LAT/LONG: 36.6598 / 121.8157	CLIENT: Kleinfelder, Inc. CONTACT: Jim Woodard INQUIRY#: 2696391.4 RESEARCH DATE: 02/10/2010
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Historical Topographic Map



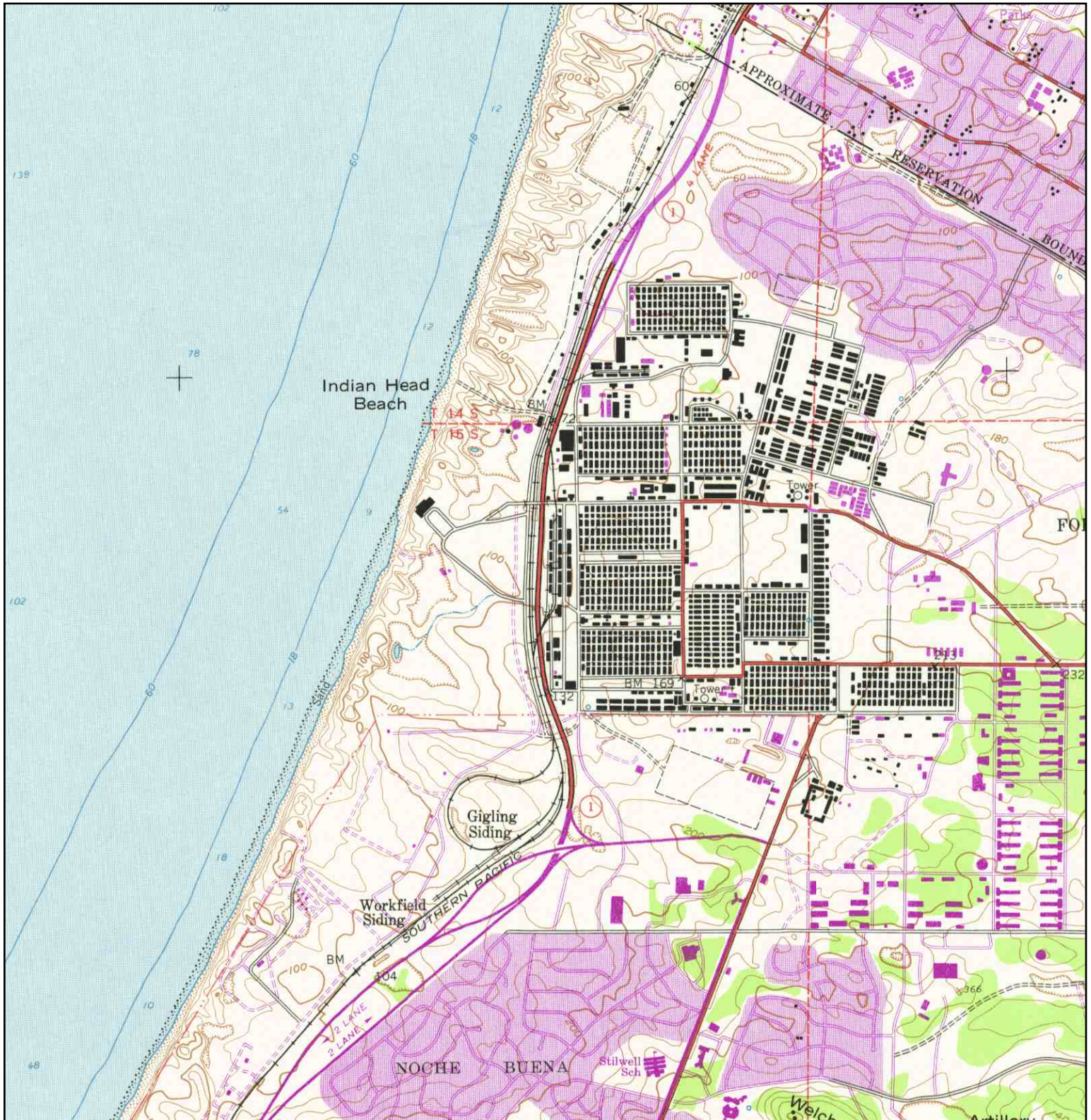
N 	TARGET QUAD NAME: MARINA MAP YEAR: 1948 SERIES: 7.5 SCALE: 1:25000	SITE NAME: Transit Oriented Development Site ADDRESS: 8th Street and 1st Avenue Fort Ord, CA 93944 LAT/LONG: 36.6598 / 121.8157	CLIENT: Kleinfelder, Inc. CONTACT: Jim Woodard INQUIRY#: 2696391.4 RESEARCH DATE: 02/10/2010
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Historical Topographic Map



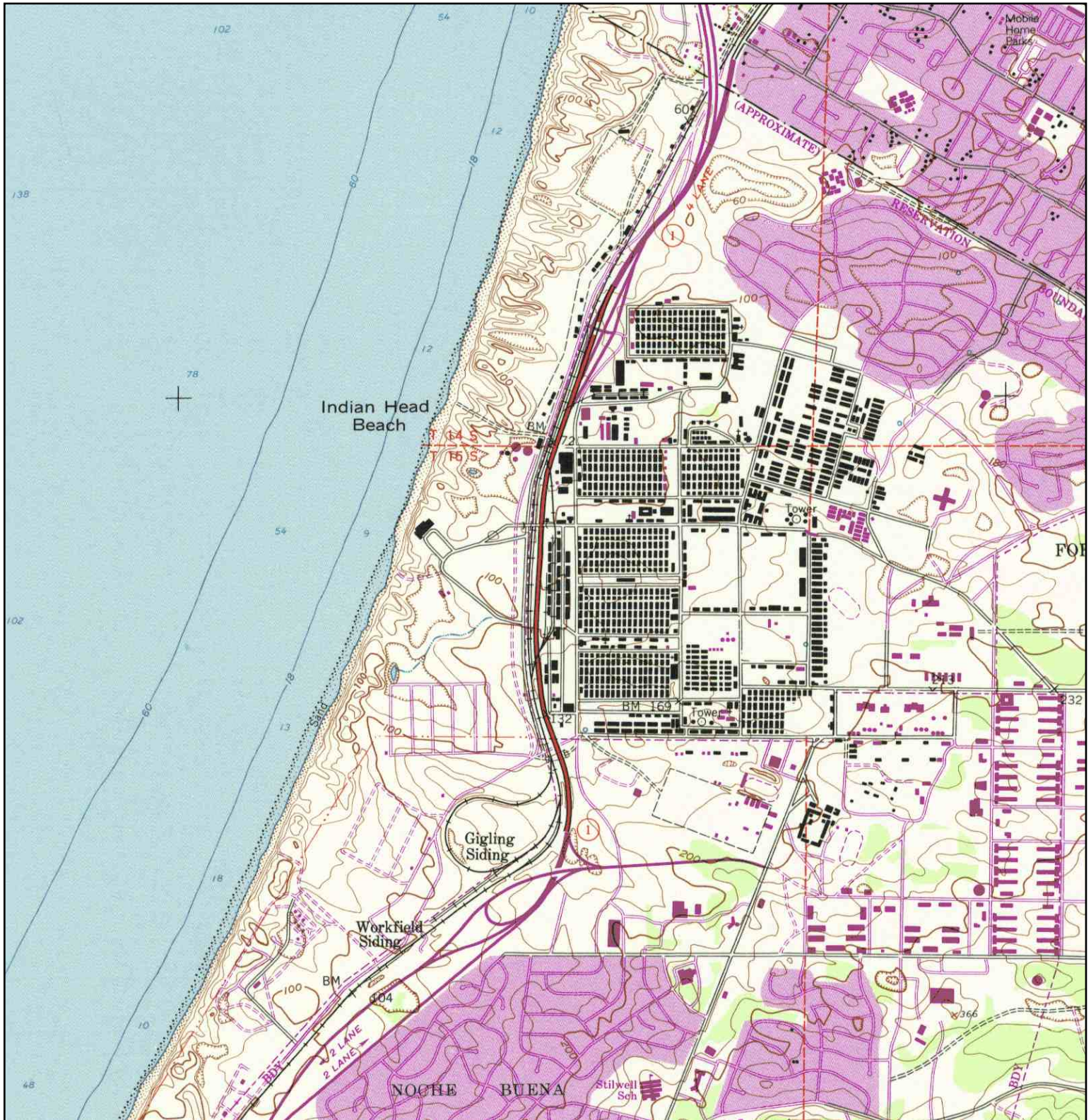
N ↑	TARGET QUAD NAME: MARINA MAP YEAR: 1968 PHOTOREVISED FROM: 1947 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Transit Oriented Development Site ADDRESS: 8th Street and 1st Avenue Fort Ord, CA 93944 LAT/LONG: 36.6598 / 121.8157	CLIENT: Kleinfelder, Inc. CONTACT: Jim Woodard INQUIRY#: 2696391.4 RESEARCH DATE: 02/10/2010
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Historical Topographic Map



	TARGET QUAD	SITE NAME:	Transit Oriented Development Site	CLIENT:	Kleinfelder, Inc.
	NAME: MARINA	ADDRESS:	8th Street and 1st Avenue	CONTACT:	Jim Woodard
	MAP YEAR: 1974		Fort Ord, CA 93944	INQUIRY#:	2696391.4
	PHOTOREVISED FROM: 1947	LAT/LONG:	36.6598 / 121.8157	RESEARCH DATE:	02/10/2010
	SERIES: 7.5				
	SCALE: 1:24000				

Historical Topographic Map



N ↑	TARGET QUAD NAME: MARINA MAP YEAR: 1983 PHOTOREVISED FROM: 1947 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Transit Oriented Development Site ADDRESS: 8th Street and 1st Avenue Fort Ord, CA 93944 LAT/LONG: 36.6598 / 121.8157	CLIENT: Kleinfelder, Inc. CONTACT: Jim Woodard INQUIRY#: 2696391.4 RESEARCH DATE: 02/10/2010
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Transit Oriented Development Site

8th Street and 1st Avenue
Fort Ord, CA 93944

Inquiry Number: 2696391.8
February 09, 2010

The EDR Property Tax Map Report

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

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Transit Oriented Development Site

8th Street and 1st Avenue

Fort Ord, CA 93944

Inquiry Number: 2696391.3

February 09, 2010

Certified Sanborn® Map Report

Certified Sanborn® Map Report

2/09/10

Site Name:

Transit Oriented Development
8th Street and 1st Avenue
Fort Ord, CA 93944

Client Name:

Kleinfelder, Inc.
40 Clark Street
Salinas, CA 93901

EDR Inquiry # 2696391.3

Contact: Jim Woodard



Environmental Data Resources Inc

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Certified Sanborn Results:

Site Name: Transit Oriented Development Site
Address: 8th Street and 1st Avenue
City, State, Zip: Fort Ord, CA 93944
Cross Street:
P.O. # 109205
Project: GEO ENV Study TAMC MBL
Certification # A9BC-4A82-8522



Sanborn® Library search results
Certification # A9BC-4A82-8522

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.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

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APPENDIX E

Transit Oriented Development Site

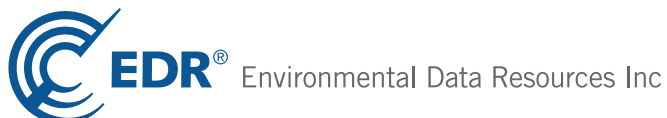
8th Street and 1st Avenue

Fort Ord, CA 93933

Inquiry Number: 2696391.2s

February 09, 2010

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

8TH STREET AND 1ST AVENUE
FORT ORD, CA 93933

COORDINATES

Latitude (North):	36.659800 - 36° 39' 35.3"
Longitude (West):	121.815700 - 121° 48' 56.5"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	605846.7
UTM Y (Meters):	4057584.8
Elevation:	105 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	36121-F7 MARINA, CA
Most Recent Revision:	1983

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2006, 2005
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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

EXECUTIVE SUMMARY

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

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA generators list

RCRA-SQG..... RCRA - Small Quantity Generators

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

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

SLIC..... Statewide SLIC Cases

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

State and tribal registered storage tank lists

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory

EXECUTIVE SUMMARY

DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
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

Local Lists of Hazardous waste / Contaminated Sites

US CDL.....	Clandestine Drug Labs
HIST Cal-Sites.....	Historical Calsites Database
SCH.....	School Property Evaluation Program
Toxic Pits.....	Toxic Pits Cleanup Act Sites
CDL.....	Clandestine Drug Labs
US HIST CDL.....	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST.....	Facility Inventory Database
HIST UST.....	Hazardous Substance Storage Container Database
SWEEPS UST.....	SWEEPS UST Listing

Local Land Records

LIENS 2.....	CERCLA Lien Information
LUCIS.....	Land Use Control Information System
LIENS.....	Environmental Liens Listing
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

Other Ascertainable Records

RCRA-NonGen.....	RCRA - Non Generators
DOT OPS.....	Incident and Accident Data
FUDS.....	Formerly Used Defense Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System

EXECUTIVE SUMMARY

CA BOND EXP. PLAN.....	Bond Expenditure Plan
CA WDS.....	Waste Discharge System
NPDES.....	NPDES Permits Listing
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
HIST CORTESE.....	Hazardous Waste & Substance Site List
Notify 65.....	Proposition 65 Records
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
HAZNET.....	Facility and Manifest Data
EMI.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PROC.....	Certified Processors Database
MWMP.....	Medical Waste Management Program Listing
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
PCB TRANSFORMER.....	PCB Transformer Registration Database
HWT.....	Registered Hazardous Waste Transporter Database
HWP.....	EnviroStor Permitted Facilities Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

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 11/01/2009 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USARMY FORT ORD	DIR ENGR HOUSING AFZW	0 - 1/8 (0.000 mi.)	0	7

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 06/30/2009 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USARMY FORT ORD	DIR ENGR HOUSING AFZW	0 - 1/8 (0.000 mi.)	0	7

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/15/2009 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USARMY FORT ORD	DIR ENGR HOUSING AFZW	0 - 1/8 (0.000 mi.)	0	7

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: 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.

A review of the RCRA-TSDF list, as provided by EDR, and dated 12/11/2009 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USARMY FORT ORD	DIR ENGR HOUSING AFZW	0 - 1/8 (0.000 mi.)	0	7

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/11/2009 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USARMY FORT ORD	DIR ENGR HOUSING AFZW	0 - 1/8 (0.000 mi.)	0	7

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 10/01/2009 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USARMY FORT ORD	DIR ENGR HOUSING AFZW	0 - 1/8 (0.000 mi.)	0	7

US INST CONTROL: 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.

A review of the US INST CONTROL list, as provided by EDR, and dated 10/01/2009 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USARMY FORT ORD	DIR ENGR HOUSING AFZW	0 - 1/8 (0.000 mi.)	0	7

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 identifies 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 11/09/2009 has revealed that there is

EXECUTIVE SUMMARY

1 ENVIROSTOR site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORT ORD - UNIVERSITY VILLAGES Status: Inactive - Action Required	8TH STREET / 1ST STREET	NE 1/8 - 1/4 (0.137 mi.)	2	63

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 12/21/2009 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BUILDING 4493.3 & 4493.5	BLDG 4493 8TH AVE	NW 0 - 1/8 (0.104 mi.)	1	62

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORT ORD MILITARY RESERVATION		0 - 1/8 (0.000 mi.)	0	7

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 12/01/2009 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

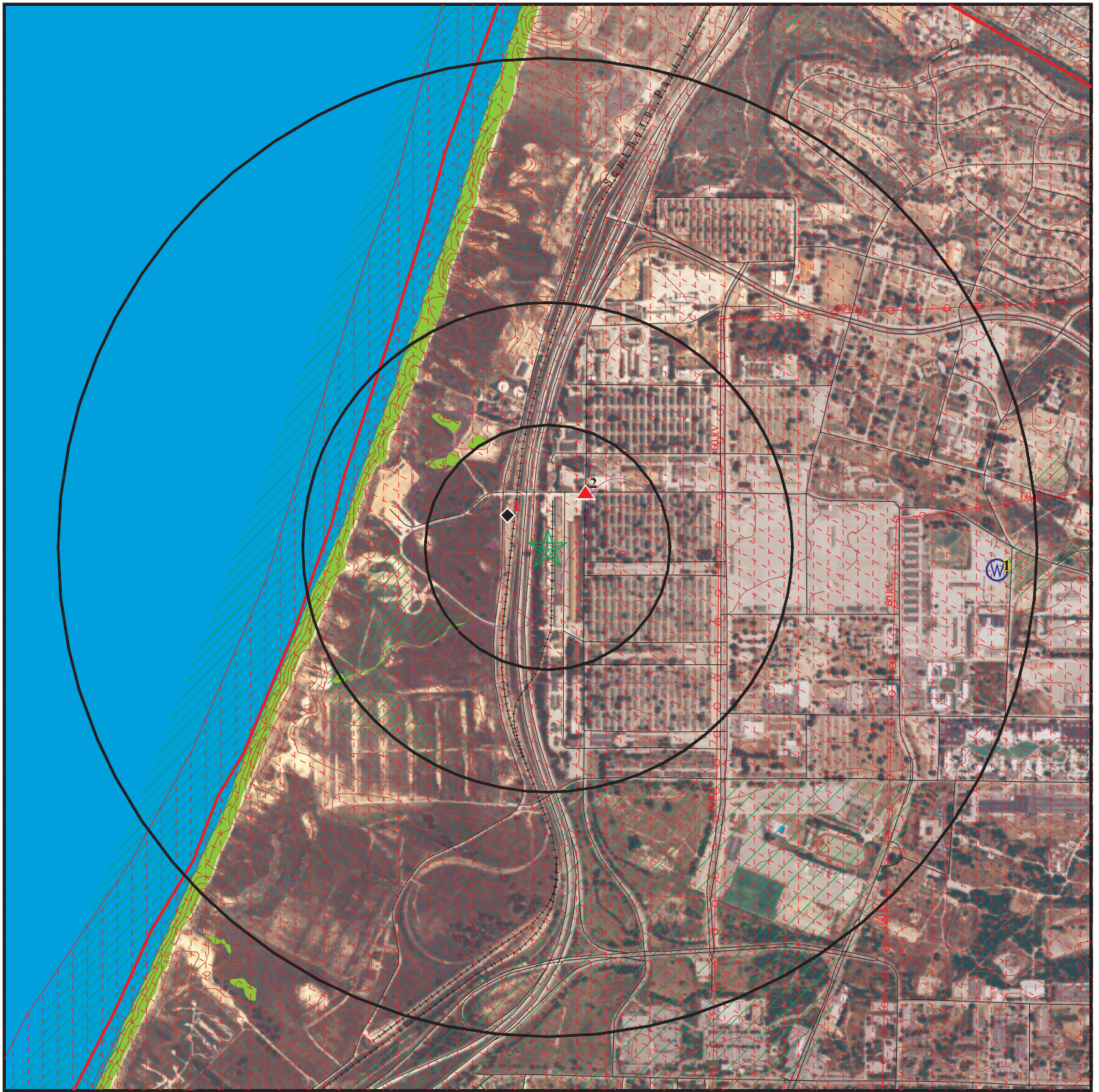
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USARMY FORT ORD	DIR ENGR HOUSING AFZW	0 - 1/8 (0.000 mi.)	0	7

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
HIGHLANDS SA WWTP	HIST CORTESE, LUST
POINT LOBOS STATE RESERVE	HIST CORTESE
BUILDING 4493-4	HIST CORTESE, LUST, MCS
MARINA DISPOSAL SITE	CA WDS, WMUDS/SWAT, LDS
SAND CITY DUMP SITE	CA WDS, LDS
FORT ORD STATE PARK-MOU WITH DPR	Cortese, ENVIROSTOR
MARINA WELL #9	CERC-NFRAP
RMC PACIFIC MATERIALS	LUST
DBO DEVELOPMENT #25	HAZNET
OLSON ELEMENTARY SCHOOL EXPANSION	SCH, ENVIROSTOR

OVERVIEW MAP - 2696391.2s



★ 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

🏠 Indian Reservations BIA

⚡ Power transmission lines

⚡ Oil & Gas pipelines

🌊 100-year flood zone

🌊 500-year flood zone

🌿 National Wetland Inventory

🏠 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: Transit Oriented Development Site
ADDRESS: 8th Street and 1st Avenue
Fort Ord CA 93933
LAT/LONG: 36.6598 / 121.8157

CLIENT: Kleinfelder, Inc.
CONTACT: Jim Woodard
INQUIRY #: 2696391.2s
DATE: February 09, 2010 3:31 pm

DETAIL MAP - 2696391.2s



- ★ 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
- 🛢 Oil & Gas pipelines
- 🌊 100-year flood zone
- 🌊 500-year flood zone
- 🌿 National Wetland Inventory

- 🏠 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: Transit Oriented Development Site
 ADDRESS: 8th Street and 1st Avenue
 Fort Ord CA 93933
 LAT/LONG: 36.6598 / 121.8157

CLIENT: Kleinfelder, Inc.
 CONTACT: Jim Woodard
 INQUIRY #: 2696391.2s
 DATE: February 09, 2010 3:31 pm

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 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
State and tribal registered storage tank lists								
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
FEMA 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
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
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
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
HIST Cal-Sites		1.000	0	0	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.250	0	0	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
LIENS		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

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS		TP	NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	1	0	0	0	NR	1
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	1	0	0	0	NR	1
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
HIST CORTESE		0.500	0	0	0	NR	NR	0
Notify 65		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PROC		0.500	0	0	0	NR	NR	0
MWMP		0.250	0	0	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
HWT		0.250	0	0	NR	NR	NR	0
HWP		1.000	0	0	0	0	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000	0	0	0	0	NR	0
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
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DOD
Region

FORT ORD MILITARY RESERVATION (CLOSED)
FORT ORD MILITARY RESERVA (County), CA

DOD CUSA137370
N/A

< 1/8
1 ft.

DOD:

Feature 1: Army DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Fort Ord Military Reservation (Closed)
Name 2: Not reported
Name 3: Not reported
State: CA
DOD Site: Yes
Tile name: CAMONTEREY

NPL
Region

USARMY FORT ORD
DIR ENGR HOUSING AFZW DE PD
FORT ORD, CA 93941

RCRA-TSDF 1000393341
NPL CA7210020676

< 1/8
1 ft.

CERCLIS
CORRACTS
RCRA-LQG
US ENG CONTROLS
US INST CONTROL
ROD
PADS
FINDS

RCRA-TSDF:

Date form received by agency: 02/18/2006
Facility name: ORD MILITARY COMMUNITY
Facility address: HAZARDOUS WASTE OFFICE
BLDG. 4495, JOE LLOYD WAY
MONTEREY, CA 93944
EPA ID: CA7210020676
Contact: BARBARA L SCHMITT
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (831) 242-7204
Contact email: BARBARA.SCHMITT@MONTEREY.ARMY.MIL
EPA Region: 09
Land type: Federal
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
TSD commencement date: Not reported
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than

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USARMY FORT ORD (Continued)

1000393341

100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: JEFFREY S. CAIRNS, COL., US
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 07/09/2003
Owner/Op end date: Not reported

Owner/operator name: U.S. ARMY
Owner/operator address: P.O. BOX 5005
MONTEREY, CA 93944
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 01/11/1917
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
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: No

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USARMY FORT ORD (Continued)

1000393341

Generated waste on-site: No

Historical Generators:

Date form received by agency: 02/18/2004

Facility name: ORD MILITARY COMMUNITY

Classification: Large Quantity Generator

Date form received by agency: 02/04/2002

Facility name: ORD MILITARY COMMUNITY

Classification: Large Quantity Generator

Date form received by agency: 10/12/2000

Facility name: ORD MILITARY COMMUNITY

Site name: HQ, DLI, POM ANNEX

Classification: Large Quantity Generator

Date form received by agency: 03/04/1999

Facility name: ORD MILITARY COMMUNITY

Site name: HQ, DEFENSE LANGUAGE INST., POM ANNEX

Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Facility name: ORD MILITARY COMMUNITY

Site name: USARMY FORT ORD

Classification: Large Quantity Generator

Date form received by agency: 03/01/1996

Facility name: ORD MILITARY COMMUNITY

Site name: DEF LANGUAGE INST & PRESIDIO OF MONTEREY

Classification: Large Quantity Generator

Date form received by agency: 02/29/1992

Facility name: ORD MILITARY COMMUNITY

Site name: FORT ORD, US ARMY BASE

Classification: Large Quantity Generator

Date form received by agency: 04/13/1990

Facility name: ORD MILITARY COMMUNITY

Site name: FORT ORD, US ARMY

Classification: Large Quantity Generator

Date form received by agency: 08/14/1980

Facility name: ORD MILITARY COMMUNITY

Site name: USARMY FORT ORD

Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: 122

Waste name: 122

Waste code: 133

Waste name: 133

Waste code: 135

Waste name: 135

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USARMY FORT ORD (Continued)

1000393341

Waste code: 141
Waste name: 141

Waste code: 151
Waste name: 151

Waste code: 181
Waste name: 181

Waste code: 221
Waste name: 221

Waste code: 223
Waste name: 223

Waste code: 232
Waste name: 232

Waste code: 261
Waste name: 261

Waste code: 281
Waste name: 281

Waste code: 291
Waste name: 291

Waste code: 331
Waste name: 331

Waste code: 341
Waste name: 341

Waste code: 343
Waste name: 343

Waste code: 352
Waste name: 352

Waste code: 512
Waste name: 512

Waste code: 541
Waste name: 541

Waste code: 551
Waste name: 551

Waste code: 611
Waste name: 611

Waste code: 791
Waste name: 791

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS

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USARMY FORT ORD (Continued)

1000393341

CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003

Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D004

Waste name: ARSENIC

Waste code: D006

Waste name: CADMIUM

Waste code: D007

Waste name: CHROMIUM

Waste code: D008

Waste name: LEAD

Waste code: D009

Waste name: MERCURY

Waste code: D011

Waste name: SILVER

Waste code: D018

Waste name: BENZENE

Waste code: D039

Waste name: TETRACHLOROETHYLENE

Corrective Action Summary:

Event date: 04/01/1986

Event: CA049PA

Event date: 04/01/1986

Event: CA029SF

Event date: 06/01/1987

Event: CA049SI

Event date: 01/01/1988

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USARMY FORT ORD (Continued)

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Event:	Stabilization Measures Implemented, Groundwater extraction and treatment (e.g., to achieve groundwater containment, to achieve MCL).
Event date:	12/01/1988
Event:	Stabilization Construction Completed
Event date:	07/23/1990
Event:	RFI Imposition
Event date:	07/23/1990
Event:	CMS Imposition
Event date:	12/01/1991
Event:	CMS Workplan Approved
Event date:	12/01/1991
Event:	RFI Workplan Approved
Event date:	01/17/1995
Event:	CA Prioritization, Facility or area was assigned a high corrective action priority.
Event date:	01/01/1996
Event:	CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.
Event date:	08/08/1996
Event:	RFA Completed, Assessment was an RFA.
Event date:	01/13/1997
Event:	CMS Approved
Event date:	01/13/1997
Event:	Date For Remedy Selection (CM Imposed)
Event date:	01/13/1997
Event:	RFI Approved
Event date:	04/08/1998
Event:	Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.
Event date:	04/08/1998
Event:	CA Responsibility Referred To A Non-RCRA Federal Authority
Event date:	04/08/1998
Event:	Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event date:	04/08/1998
Event:	Current Human Exposures under Control, Current human exposures are NOT under control.

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USARMY FORT ORD (Continued)

1000393341

Event date: 05/22/2000
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 05/22/2000
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Facility Has Received Notices of Violations:

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 12/02/1997
Date achieved compliance: 12/02/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 04/13/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/13/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 04/13/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/13/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 04/13/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

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EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Enforcement action date: 04/13/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 04/13/1995
Date achieved compliance: 05/11/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/13/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 08/05/1993
Date achieved compliance: 09/21/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/05/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 06/25/1993
Date achieved compliance: 09/21/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/05/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 06/25/1993
Date achieved compliance: 09/21/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/05/1993

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USARMY FORT ORD (Continued)

1000393341

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/01/1992
Date achieved compliance: 06/24/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/10/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.190-201.J
Area of violation: TSD - General
Date violation determined: 04/01/1992
Date achieved compliance: 06/24/1993
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 07/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 04/01/1992
Date achieved compliance: 09/21/1993
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 07/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 04/01/1992
Date achieved compliance: 06/24/1992
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 07/30/1992
Enf. disposition status: Not reported

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USARMY FORT ORD (Continued)

1000393341

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 04/01/1992
Date achieved compliance: 06/24/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/10/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 04/01/1992
Date achieved compliance: 06/24/1992
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 07/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/01/1992
Date achieved compliance: 06/24/1992
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 07/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 04/01/1992
Date achieved compliance: 09/21/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/10/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

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USARMY FORT ORD (Continued)

1000393341

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 04/01/1992
Date achieved compliance: 06/24/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/10/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 04/01/1992
Date achieved compliance: 06/24/1993
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 07/30/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 04/01/1992
Date achieved compliance: 06/24/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/10/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 03/19/1991
Date achieved compliance: 02/04/1992
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/21/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA

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USARMY FORT ORD (Continued)

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Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/11/1989
Date achieved compliance: 12/19/1989
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/09/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/11/1989
Date achieved compliance: 12/19/1989
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 06/09/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/05/1988
Date achieved compliance: 04/11/1989
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 03/18/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 01/05/1988
Date achieved compliance: 04/11/1989
Violation lead agency: EPA
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 06/06/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

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USARMY FORT ORD (Continued)

1000393341

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/20/1987
Date achieved compliance: 12/19/1989
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 06/06/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/20/1987
Date achieved compliance: 12/19/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/22/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/20/1987
Date achieved compliance: 12/19/1989
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/08/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 04/07/1987
Date achieved compliance: 04/20/1987
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported

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EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/07/1987
Date achieved compliance: 04/20/1987
Violation lead agency: EPA
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 06/06/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 04/07/1987
Date achieved compliance: 04/20/1987
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 09/30/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 04/07/1987
Date achieved compliance: 04/20/1987
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/02/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/02/1997
Evaluation lead agency: State

Evaluation date: 01/22/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

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Evaluation date: 05/23/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/27/1995
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/11/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 04/11/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 04/11/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 05/11/1995
Evaluation lead agency: State

Evaluation date: 06/22/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/21/1993
Evaluation lead agency: State

Evaluation date: 06/22/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/21/1993
Evaluation lead agency: State

Evaluation date: 02/04/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/24/1993
Evaluation lead agency: State

Evaluation date: 02/04/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/21/1993
Evaluation lead agency: State

Evaluation date: 02/04/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

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EPA ID Number

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1000393341

Date achieved compliance: 06/24/1992
Evaluation lead agency: State

Evaluation date: 02/04/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/24/1992
Evaluation lead agency: State

Evaluation date: 03/19/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/04/1992
Evaluation lead agency: EPA

Evaluation date: 12/19/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/11/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/19/1989
Evaluation lead agency: EPA

Evaluation date: 01/05/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/11/1989
Evaluation lead agency: EPA

Evaluation date: 04/20/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/19/1989
Evaluation lead agency: State

Evaluation date: 04/07/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/20/1987
Evaluation lead agency: EPA

Evaluation date: 04/07/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/20/1987
Evaluation lead agency: EPA

NPL:

EPA ID: CA7210020676
EPA Region: 09
Federal: Y
Final Date: 2/21/1990

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Category Details:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 50 And <= 100 Feet
Category Value: 80

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

Site Details:

Site Name: FORT ORD
Site Status: Final
Site Zip: 93933
Site City: MARINA
Site State: CA
Federal Site: Yes
Site County: MONTEREY
EPA Region: 09
Date Proposed: 07/14/89
Date Deleted: Not reported
Date Finalized: 02/21/90

Substance Details:

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

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

NPL Status: Currently on the Final NPL
Substance ID: U211
Substance: CARBON TETRACHLORIDE
CAS #: 56-23-5
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U226
Substance: TRICHLOROETHANE, 1,1,1-
CAS #: 71-55-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

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

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Scoring: 2

Summary Details:

Conditions at proposal July 14, 1989): Fort Ord covers 46 square miles on Monterey Bay approximately 5.6 miles north of Monterey, Monterey County, California. The installation is bordered by the City of Marina and the Salinas River to the north, El Toro Creek to the east, Seaside and Del Rey Oaks to the south, and Monterey Bay to the west. Fort Ord was established in 1917 as a maneuver area and field artillery target range for units then stationed at the Presidio of Monterey. Its primary mission now is training. Industrial operations at Fort Ord include vehicle maintenance areas, a battery charging/repair facility, photographic processing laboratories, spray painting operations, a plastics shop, laundry/dry cleaning facilities, vehicle wash racks, and a small arms repair shop. Chemicals and hazardous wastes were managed and disposed of at Fort Ord. According to tests conducted by the Army in 1986, elevated levels of contaminants were detected in off-base ground water. The contamination is emanating from the base and may be contaminating the drinking water supplies of the City of Marina; however, the exact location of the source has not yet been identified. The contaminants include carbon tetrachloride, tetrachloroethylene, trichloroethylene, 1,1,1-trichloroethane, and trans-1,2-dichloroethylene. An estimated 38,600 people obtain drinking water from wells within 3 miles of hazardous substances on the fort. Ground water is also used for irrigation. In addition, soil and ground water are contaminated at the Fire Drill Area, where approximately 600 gallons of petroleum products have been spilled. Fort Ord has identified at least 18 other contamination problems. Fort Ord is participating in the Installation Restoration Program (IRP), established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. As part of IRP, the Army is implementing a sampling plan to investigate ground water contamination. The Army is treating contaminated soil and ground water at nearby Fritzsche Army Airfield Fire Drill Area. Status February 21, 1990): IRP activities continue.

Site Status Details:

NPL Status: Final
Proposed Date: 07/14/1989
Final Date: 02/21/1990
Deleted Date: Not reported

Narratives Details:

NPL Name: FORT ORD
City: MARINA
State: CA

CERCLIS:

Site ID: 0902783
Federal Facility: Federal Facility
NPL Status: Currently on the Final NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):

Contact Name: Not reported
Contact Tel: Not reported

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Contact Title: 90001

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 92704

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 92711

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 92711

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 92700

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 13002

Contact Name: Not reported
Contact Tel: Not reported
Contact Title: 92700

Site Description: The north landfill was used from 1956 to 1966. The main landfill was operated from 1960 until 1987 when disposal was ceased due to interim closure of the facility. During operation of the base, both landfills were used for disposal of residential and commercial waste, including dried sewage sludge, construction debris, and small amounts of chemical waste (such as paint, oil, pesticides, electrical equipment, ink, and epoxy adhesive). Waste received at the landfills was placed in trenches approximately 30 feet wide, 10 to 15 feet apart, and 10 to 12 feet below ground surface. Environmental investigations began at Fort Ord in 1984 under the Regional Water Quality Control Board (RWQCB) cleanup or abatement orders. In 1986, further investigations began at Operable Unit 2 (OU2). In 1990, Fort Ord was placed on the National Priorities List (NPL) because of Volatile Organic Compounds (VOCs) found in ground water beneath OU2. A Federal Facility Agreement (FFA) was signed in 1990 by the Army, U.S. Environmental Protection Agency, the California Environmental Protection Agency's Department of Toxic Substances Control (DSTC) and Regional Water Quality control Board (RWQCB). The FFA established schedules for commencing Remedial Investigations and Feasibility Studies (RI/FS). In 1991, the basewide RI/FS began and Fort Ord was placed on the Base Realignment and Closure list. The final FS for OU2 was completed on October 1, 1993, and the Record of Decision (ROD) was signed in August 1994. An Interim Action Plug-In ROD was signed in March 1994 for excavation and treatment of shallow contaminated soils. The Draft and Draft Final Versions of the Basewide RI/FS were completed in August 1994 and December 1994, respectively. The Former Fort Ord is located near Monterey Bay in northwestern Monterey County, California, approximately 80 miles south of San Francisco. The base comprises approximately 28,000 acres adjacent to the cities of Seaside, Sand City, Monterey, and Del Rey Oaks to the south and Marina to the north. The Southern Pacific Railroad and Highway 1 pass through the western portion of former Fort Ord, separating the beachfront from the rest of the base. Laguna Seca Recreation Area and Toro Regional Park border former Fort Ord to the south and southeast, respectively, as well as several small communities such as Toro

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Park Estates and San Benancio. There are three main developed areas within Fort Ord: the Main Garrison, the East Garrison and Fritzsche Army Airfield (FAAF). The Main Garrison contains commercial, residential, and light industrial facilities. The East Garrison occupies 350 acres on the northeastern edge of the base and consists of military and industrial support areas, recreational facilities, and recreational open space. The FAAF serves as the general airfield for Fort Ord. EPA placed the site on the National Priorities List in 1990. Several areas of contamination exist on site. Generally, chemicals present in soil are the result of former routine maintenance and support activities on Fort Ord. Such activities include: maintenance of military vehicles at wash racks, tank storage of chemicals such as waste oil, the use of oil/water separators in drainage areas, and pesticide use and storage. The facility contained leaking petroleum underground storage tanks, containers of waste oil and various automotive chemicals, chemical storage areas, oil-waste separators, target ranges, and landfills. One on-site area is a 150-acre landfill that was primarily used to dispose of residential waste, as well as small amounts of commercial waste generated by the base. The north landfill covers approximately 30 acres and has residences nearby. Pursuant to a Record of Decision (ROD), this 30 acre portion was clean-closed. The main landfill covers approximately 120 acres that have not been developed. Other areas include a former fire drill area, motor pool maintenance areas, small dump sites, and small arms target ranges. Over 12,000 acres are suspected of containing ordnance and explosives (OE). In particular, the 8,000 acre Multi-Range Area (MRA) is known to contain dangerous unexploded ordnance. OE investigations are complicated by technological limitations and protected habitat that covers the area and requires special management pursuant to the base Habitat Management Plan (HMP). This includes the current requirement to use prescribed burns to clear vegetation prior to OE removal. The HMP currently restricts burns to 800 acres/year, thus requiring at least 10 years to address OE in the MRA. The aquifers at the site are called the upper aquifer and the 180-foot aquifer. Approximately 40,000 people obtain drinking water from wells located within 3 miles of the site. Since opening in 1917, Fort Ord served as a training and staging facility for Army infantry troops. No permanent improvements were made until the late 1930s when administrative buildings, barracks, mess halls, tent pads, and a sewage treatment plant were constructed. The Main Garrison was constructed between 1940 and the 1960s, starting in the northwest corner of the base and expanding southeastward. The FAAF was incorporated into Fort Ord in 1961. Since 1917, portions of the Installation were used by infantry units for maneuvers, target ranges, and other purposes. Ordnance and explosives (OE) that have been fired into, fired upon, or used on the facility include artillery and mortar projectiles, rockets and guided missiles, rifle and hand grenades, practice land mines, pyrotechnics, bombs, and demolition materials. A wide variety of conventional OE items have been located at sites throughout the former Fort Ord, including pyrotechnics and explosives. Since the base was selected in 1991 for base realignment and closure (BRAC) and was officially closed in September 1994, site visits, historic and archival investigations, OE sampling, and removal actions have been performed and documented in preparation for transfer and reuse of former Fort Ord property. The Ord Military Community, located within the Main Garrison portion of former Fort Ord, will be retained by the Army. Since base closure in September 1994, lands outside the Ord Military Community have been subjected to the reuse process. Some of the property on the installation has been transferred. A large portion of the Inland Training Ranges was assigned to the Bureau of Land Management (BLM). The other major recipient of Fort Ord property has been the California State University (CSU) system. The CSU Monterey campus is located on the site of the former Fort Ord and is expected to expand in the future. Other areas on the installation have

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been or will be transferred to federal, state, local, and private entities through economic development conveyance, public benefit conveyance, negotiated sale, or other means. The reuse of the former Fort Ord following transfer of property increases the possibility of the public being exposed to explosive hazards. In November 1998, the Army agreed to evaluate OE at former Fort Ord in an OE Remedial Investigation/Feasibility Study (RI/FS) consistent with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). A Federal Facility Agreement (FFA) was signed in 1990 by the Army, EPA, and the California Environmental Protection Agency's Department of Toxic Substances control (DTSC; formerly the Department of Health Services or DHS). The FFA established schedules for performing remedial investigations and feasibility studies and requires that remedial actions be completed as expeditiously as possible. In April 2000, an agreement was signed between the Army, EPA and DTSC to evaluate OE at the former Fort Ord subject to the provisions of the Fort Ord FFA. EPA OU-01: Fritzsche Army Airfield Fire Drill Area An investigation into the nature and extent of contamination in the Fritzsche Army Airfield practice fire area began in 1984. The ROD was signed in September 1995. Groundwater cleanup standards were established in the ROD which must be met through the existing pump and treat system. The selected remedy is consistent with the initial action described above. The groundwater treatment system was installed in 1988. In 2004, the Army awarded a fixed price contract for the management and completion of the groundwater cleanup remedy at Operable Unit 1. EPA OU-02: Fort Ord Landfill One on-site area is a 150-acre landfill that was primarily used to dispose of residential waste, as well as small amounts of commercial waste generated by the base. The north landfill covers approximately 30 acres and has residences nearby. Pursuant to a Record of Decision (ROD), this 30 acre portion was clean-closed. The main landfill covers approximately 120 acres that have not been developed. The north landfill was used from 1956 to 1966. The main landfill was operated from 1960 until 1987 when disposal was ceased due to interim closure of the facility. During operation of the base, both landfills were used for disposal of residential and commercial waste, including dried sewage sludge, construction debris, and small amounts of chemical waste (such as paint, oil, pesticides, electrical equipment, ink, and epoxy adhesive). Waste received at the landfills was placed in trenches approximately 30 feet wide, 10 to 15 feet apart, and 10 to 12 feet below ground surface. In 1994, the Army completed an investigation focusing on groundwater and soil contamination originating from the landfill. A Record of Decision (ROD) was signed in August 1994. The ROD included capping the landfill and installing a groundwater pump and treatment system. Construction of the groundwater treatment system is complete and is operational. In May 1995, the Army proposed to consolidate wastes from several areas around the main landfill which will provide more clean land for re-use. The changes are documented in the Explanation of Significant Differences (ESD) in August 1996. The consolidation is complete and capping of the main landfill was completed in December 2002. The Army has installed an active landfill gas extraction and treatment system to capture and remediate methane and other volatile organic compound gases that are being generated by decaying materials in the landfill. The Army continues to monitor landfill gases to ensure that do not pose a health hazard. EPA OU-03: Overall Site In 1990, the Army began further investigations into the nature and extent of on- and off-site soil and groundwater contamination, as well as any ecological or health threats that may be present. The investigation identified three waste disposal sites, firing ranges, and a vehicle maintenance area that require extensive cleanup actions. The Army completed the RI/FS and ROD in 1997, and all soil cleanup actions are complete, and groundwater pump and treatment systems are operational. The action included remediating the Sites 2/12 maintenance/disposal area by soil excavation and ongoing groundwater remediation, Sites 16/17 disposal area by soil excavation, Site 31 disposal

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area by soil excavation, and Site 39 small arms ranges by soil excavation. Most of the excavated soils were placed at the Fort Ord Landfill, which was closed in December 2002. The Army is currently evaluating treatment/disposal options for additional Site 39 soils to be excavated. Site 39, which includes the Multi-Range Area (MRA), was reportedly used since the early 1900s for small arms training and ordnance training exercises, including onshore naval gunfire. Over the years, in addition to small arms rounds, various types of ordnance have been used or found in the MRA, including hand grenades, mortars, rockets, mines, and artillery rounds. The remedy for Site 39 as described in the Remedial Investigation (RI) Sites Record of Decision (ROD) addresses lead contamination at the Small Arms Ranges, as well as explosive compounds, petroleum hydrocarbons, and other metals associated with training activities. Ordnance is being addressed through other remedial or removal actions. Site 39 comprises approximately 8,500 acres in the southern portion of Fort Ord. Site 39 is bounded by Eucalyptus Road to the north, Barloy Canyon Road to the east, Boundary Road and South Boundary Road to the south, and General Jim Moore Blvd to the west. Results of the RI indicate the metals lead and beryllium, explosive compounds, and organic compounds are present in shallow soil above background concentrations in localized areas at Site 39, and are associated with past military training activities. Spent ammunition found at the Small Arms Ranges consists of bullets, black powder rifle balls, and lead shot. Lead is the primary chemical of concern in soil at the Small Arms Ranges at Site 39. In localized areas, spent ammunition is found on the ground surface. An Explanation of Significant Differences addressing OU 3 was completed in December 2003. EPA OU-04: Surface Soils EPA OU-05: No Action Soils EPA OU-07: Site 3 Beach Range Site 3 is situated within about 3.2 miles (780 acres) of dunes along the coastline of Monterey Bay at the western boundary of Fort Ord. Results of the investigation indicate lead from small arms is the main contaminant at the site. The site is also home of the Smith's Blue butterfly, an endangered species, and buckwheat plants which the butterflies use to lay their eggs on. In 1997, the Army completed a ROD allowing them to first clean up the lead contamination to address human health concerns by soil excavation and placement in the Fort Ord Landfill, which was simultaneously being remediated (capped). This cleanup was completed in 2000, with the dunes being re-contoured and re-vegetated. The Army is finalizing a post-cleanup ecological risk assessment which suggests the initial cleanup is protective of ecological species as well. EPA OU-08: OE Track 0 (No Further Action) The Track 0 process addresses single or grouped areas of land at the former Fort Ord that have no history of OE-related use and for which No Action is necessary to protect human health and the environment. These areas consist largely of land that has been developed for military support or residential use throughout Fort Ord's history and areas that have no physical or documented evidence of OE-related training. A Track 0 Special Case area includes a former landfill where OE scrap items were found buried with refuse. No OE-related activities occurred in the area and the OE scrap items and the refuse were entirely removed. Track 0 areas were grouped geographically: e.g., all non-OE land in the Main Garrison was grouped and discussed together as one area. Track 0 includes parcels in the following areas:- Highway 1 Area- Golf Course Maintenance Area- Brostrom Park Area- Patton/Abrams Park Housing Area- Open Space, Main Entrance Area- Surplus II Area- Fritzsche Army Airfield Area- East Garrison Area- Main Garrison Area- OU 2 Landfill Area- Reservation Road Area Track 0 sites were addressed by a No Further Action Record of Decision (ROD) dated July 2, 2002. The Army has been conducting military munitions sampling and removal actions at identified Munitions Response Sites (MRS) and will continue these actions to mitigate imminent MEC-related hazards to the public while gathering data about the type of military munitions and level of hazard at each of the sites for use in the base-wide MR RI/FS. The Army is performing its activities pursuant to the

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President's authority under the CERCLA Section 104, as delegated to the Army in accordance with Executive Order 12580 and in compliance with the process set out in CERCLA Section 120. Because this is a National Priority List (NPL) site, the Army and EPA jointly select remedial actions including No Action determinations. Therefore, regulatory agencies (EPA and DTSC) have been and will continue to be involved. The Army is preparing the MR RI/FS for Fort Ord to address MEC-related hazards. The MR RI/FS will review and evaluate past investigative and removal actions, as well as recommend future response actions deemed necessary to protect human health and the environment on the basis of proposed reuses specified in the Fort Ord Reuse Authority (FORA) Reuse Plan. The information to be evaluated during the MR RI/FS will include site knowledge, the quality of the available information, work completed, and intended future land uses. The base-wide MR RI/FS will contain a comprehensive evaluation of all MEC-related data for the entire former Fort Ord and will evaluate long-term response alternatives for cleanup and risk management of MEC. The MR RI/FS is organized as a "tracking" process whereby sites with similar characteristics will be grouped to expedite cleanup, reuse, and/or transfer based on current knowledge. The Track 0 Record of Decision (ROD) addresses areas on the former Fort Ord that have been identified as requiring no munitions response to protect human health (public safety) and the environment (Track 0 areas). Other Track (1 through 3) areas will be addressed separately for the other lands that have or are suspected to have a history of military munitions-related use and investigations completed to date. Track 1 sites were suspected to have been used for training with military munitions but for which no further response action is required because they fall into one of the three categories defined in Record of Decision, No Further Action Related to Munitions and Explosives of Concern-Track 1 Sites; No Further Remedial Action with Monitoring for Ecological Risks from Chemical Contamination at Site 3 (MRS-22); Former Fort Ord, California (Track 1 ROD). Track 2 sites are areas at the former Fort Ord where MEC items were present, and MEC removal actions have been completed. Track 3 sites are areas at the former Fort Ord where MEC items are known or suspected to be present, but MEC investigations have not yet been completed. All base-wide MR RI/FS documents have been or will be prepared in cooperation with the EPA and DTSC in accordance with the Fort Ord FFA; made available for public review and comment; and placed in the Administrative Record and local information repositories. A ROD addressing OU 8 was completed in 2002. An Explanation of Significant Difference (ESD) pertaining to the OU8 ROD was completed in April of 2005. EPA OU-09: OE Track 1 Track 1 sites are sites where munitions and explosives of concern were suspected but no further remedial action was deemed necessary to protect human health and the environment. The Track 1 Proposed Plan was issued for public comment on September 15, 2004 and the ROD is scheduled to be signed in 2005. EPA OU-10: OE at Ranges 43-48, Range 30A, and Site OE-16 Ranges 43-48 cover approximately 498 acres to the south of Eucalyptus Road in the south-central portion of the former Fort Ord. The majority of the site is designated as habitat reserve and will remain undeveloped (473 acres), and a limited portion of the site (25 acres) will be developed and reused. These ranges were part of the former Fort Ord's Multi-Range Area (MRA) and are categorized as firing ranges where personnel were trained in the use of live ammunition. The MRA is fenced and posted with signs warning of the dangers associated with OE. Vegetation at Ranges 43-48 mainly consists of central maritime chaparral (CMC) with some grassland areas. Training facilities maps indicate these ranges were used for a variety of live fire exercises from the 1940s through the 1990s. Records and recent field investigations indicate the ammunition used at these ranges included 4.2-inch, 60mm, and 81mm mortars; 14.5mm subcaliber projectiles; 35mm subcaliber rockets; 90mm recoilless rifle rounds; 84mm high explosive antitank (HEAT) projectiles; 40mm high explosive (HE) grenades; 66mm light antitank weapon (LAW); small

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arms; practice anti-personnel mines; dragon guided missiles; practice claymore mines; and fragmentation hand grenades. The former firing ranges contain sensitively fuzed, highly dangerous OE present on the ground surface or at shallow depths below the ground. As described above, numerous types of OE ranging from hand grenades to 90mm recoilless rifle rounds are known or suspected to be on the site. During recent limited surface removals in 2001, thousands of OE items were recovered at Ranges 43-48. This Interim Action site is adjacent to (less than 4,000 feet from) residential neighborhoods at Ord Military Community (Fitch and Marshall Parks) and is near the City of Seaside. The Fitch and Martin Luther King Jr. Middle Schools are located less than a mile from Ranges 43-48. Existing site security measures include: four-strand barbed-wire fencing with one to two rolls of concertina wire behind it, chain link gates reinforced with concertina wire, and warning signs posted approximately every 500 feet along the fencing. In the last three years, five documented incidents of persons trespassing into the Ranges 43-48 site occurred. In 1999, there were two documented cases of children entering the fenced MRA at Ranges 44 and 45, and collecting and removing 40mm practice grenades found on the ground surface. Although no one was injured in these incidents, it substantiates the premise that fences posted with warning signs deter, but do not prevent entry. The majority of this Interim Action site is designated as habitat reserve and will remain undeveloped. Future reuse of Transfer Parcel E21b.3 is development. Range 30A includes approximately 388 acres located in the southeastern portion of the MRA, approximately 1,500 feet north of South Boundary Road and to the west of Barloy Canyon Road. The Interim Action site was identified based on the presence of 40mm HE projectiles and is designated as habitat reserve. Range 30A is part of the former Fort Ord MRA and is categorized as a firing range where personnel were trained in the use of live ammunition. The MRA is fenced and posted with signs warning of the dangers associated with OE. Vegetation at Range 30A mainly consists of CMC with some grassland areas. Range 30A was constructed in 1990 as a 40mm machine gun range and was in use until 1993. According to the Fort Ord Training Ranges Standard Operating Procedure (SOP), the only weapon authorized for use at Range 30A from 1991 and 1992 was the MK19 40mm machine gun, Mod 3. Ammunition authorized for use at Range 30A included HE, high explosive dual purpose (HEDP) and target practice (TP). Range 30A is known to contain sensitively fuzed, highly dangerous 40mm grenades and evidence of 60mm and 81mm mortars and 37mm, 75mm, 155mm, and 8-inch projectiles. Limited surface removals in 2001 in the accessible areas of Range 30A have recovered hundreds of whole or partial OE and OE scrap items. The Range 30A Interim Action site is located in close proximity (approximately 2,200 feet north) to the Laguna Seca residential area and Laguna Seca Golf Course, and less than a mile from the Laguna Seca Raceway. South Boundary Road, located approximately 2,000 feet to the south, is open to vehicular traffic during events at Laguna Seca Raceway and is always open to the public for jogging, hiking, and biking. This range was part of the former Fort Ord's MRA and is categorized as a firing range where personnel were trained in the use of live ammunition. The MRA is fenced and posted with signs warning of the dangers associated with OE. Existing access deterrents include: four-strand barbed-wire fencing with one to two rolls of concertina wire behind it, chain link gates reinforced with concertina wire, and warning signs posted approximately every 500 feet along the fencing. In 2001 alone, two incidents of damaged fencing that may have been caused by trespassers occurred within 2,000 feet of Range 30A (near Range 30), and three other incidents of fence damage were reported within 4,000 feet of the range (near Range 29). Although no one was injured in these incidents, it substantiates the premise that fences posted with warning signs deter, but do not prevent entry. As part of the closure of the former Fort Ord, the MRA will be transferred to the BLM and most of the MRA will remain undeveloped as habitat reserve. The habitat management plan (HMP)

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presents the revised boundaries of the habitat reserve areas and describes special land restrictions and habitat management requirements for target species within the reserve areas. Management of the habitat reserve area will fall under the jurisdiction of BLM. Site OE-16 includes approximately 80 acres located immediately north of the former Fort Ord MRA, between Eucalyptus and Parker Flats roads and bounded by Watkins Gate Road to the east (Plate 5). This site will become habitat reserve and will remain undeveloped. The Bureau of Land Management (BLM) land (immediately adjacent) is open to the public for hiking, biking, jogging, and horseback riding. Site OE-16 is surrounded by a temporary 6-foot high chain linked fence. The site is posted with signs warning of the dangers associated with unexploded ordnance. Vegetation at Site OE-16 mainly consists of CMC with some grassland areas. Site OE-16 is a World War II (WWII) era rocket range, and is identified as a "bazooka practice" area on Fort Ord Training Facilities maps dating from 1945 and 1946. Available training maps after 1946 do not identify the bazooka practice area. According to Fort Ord Range Control, this range was probably used as an antitank rocket range during and shortly after WWII. Available information indicates that Site OE-16 had been used for training and live fire exercises from approximately the 1940s until the time the base was officially closed in 1994. Practice and HEAT rockets and rifle grenades were used in the 1940s and possibly the early 1950s. The site was later used for a portion of time as an anti-armor training area. Evidence from the site indicates that both practice and HEAT rounds were used. Site OE-16 contains sensitively fuzed, highly dangerous OE, such as HEAT projectiles, present on the ground surface or at shallow depths below the ground. During recent limited surface removals in 2001, hundreds of OE items, including expended and live 2.36-inch rockets (practice and HEAT), practice antitank mines, rifle grenades, hand grenade fuzes, and OE scrap were recovered. Site OE-16 is located adjacent to the MRA and land that has been transferred to the BLM. The BLM land is open to the public for hiking, biking, jogging, and horseback riding. Site OE-16 is surrounded by a temporary 6-foot high chain linked fence posted with signs warning of the dangers associated with unexploded ordnance. The site is in close proximity to a residential neighborhood (Fitch Park) on the former Fort Ord. In 2001, an incident of persons trespassing within the MRA adjacent to Site OE-16 was reported. In addition, five incidents of trespassing into the MRA adjacent to Site OE-16 occurred within the last three years. Although no one was injured in these incidents, it substantiates the premise that fences posted with warning signs deter, but do not prevent entry. The land that includes Site OE-16 will be transferred to the BLM and will remain undeveloped as habitat reserve. The HMP for former Fort Ord presents the revised boundaries of the habitat reserve areas and describes special land restrictions and habitat management requirements for target species within the reserve areas. Management of the habitat reserve area will fall under the jurisdiction of BLM. An Interim Action Record of Decision addressing OE at EPA OU-10 was signed in September 2002. The first prescribed burn took place on October 24, 2003. The burn escaped the initial boundaries and 1000 acres was burned. The Army is studying the October 2003 burn to understand both what went right and what went wrong. Ordnance has been cleared from the surface of the entire burned area and subsurface clearance is ongoing. The next prescribed burn is scheduled to take place in 2005. OU-10 Track 2 Sites: Track 2 sites are sites where munitions and explosives of concern were found and a removal action was conducted to clean it up. The first of several Track 2 RI/FS reports is due to be issued in 2005 for the area of Fort Ord known as Parker Flats. EPA OU-11: OE Track 3 Track 3 sites are sites where munitions and explosives of concern are known to be present but no cleanup has been conducted yet. The final Track 3 ROD is expected to be completed by 2007, with UXO cleanup work continuing for at least 10 years thereafter. EPA OU-12: Carbon Tetrachloride Plume The Army has initiated a

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remedial investigation/feasibility study of another area of groundwater contamination, the so-called "carbon tetrachloride plume operable unit", near the City of Marina. Contaminants slightly above regulatory standards have been found in offsite groundwater. This area of contamination is not being used for drinking water. Potential source areas are also being investigated. A soil vapor sampling and extraction system pilot study was conducted in 2004 to address the vadose zone above the carbon tetrachloride plume area. The pilot study was very successful and appears to have removed significant mass from the vadose zone. The Army expects to complete the draft Remedial Investigation/Feasibility Study Report for the carbon tetrachloride plume operable unit in 2005. OU 9: A list of the 21 Track 1 sites for which No Further Action Related to MEC is required is comprised of: MRS-1-Flame Thrower Range: The site is 25 acres in size, and is located in the northwestern part of former Fort Ord. MRS-1 is currently occupied by housing. Proposed reuse plans include residential development. Based on the literature review and sampling, the site appears to have been used for camouflage training, mine and booby trap training, non-firing mortar training, and flame thrower training. Most of this area has been used for military housing for over 40 years. MRS-6-Mine and Booby Trap Training Area: The site is 2 acres in size, and is located in the northwest portion of former Fort Ord near residential housing. The site is currently undeveloped with proposed reuse plans to include development with reserve areas or development with restrictions. Review of training maps, aerial photographs, and other Fort Ord maps indicate mine and booby trap training occurred at the site. The adjacent areas have been used as a school and military housing for over 40 years. MRS-13A-Practice Mortar Range: The site is 61 acres in size, and is located in the northern portion of the former Fort Ord. Proposed reuse plans for MRS-13A include residential development and a park. The majority of the site has contained residential housing for nearly 30 years. The area was extensively graded in the 1970s and housing was built on portions of the site. The western portion of the site was used as a landfill in the 1960s. All landfill material in the western portion of MRS-13A was excavated (removed) and transported to the main landfill south of Immix Road in the 1990s. Several munitions debris items and three unexploded ordnance (UXO) items were identified within and adjacent to MRS-13A during landfill excavation and housing development grading activities and were removed: three live ground signals and loose pyrotechnic material; three inert hand grenade primer detonators; two inert 40mm signal cartridges; an inert fin assembly for a 3.5-inch rocket; a live rifle grenade; miscellaneous projectiles; and two inert 3.5-inch rocket motors. MRS-20-Recoilless Rifle Training Range: The site is 7 acres in size, and is located in the southwestern portion of the Main Garrison near residential housing and Highway 1. This site is currently open space with proposed reuse plans, which include development. The site was identified as a potential Recoilless Rifle Training Range and was reportedly used for various training activities including recoilless rifle, machine gun, and other unknown types of training. Recoilless rifles are portable antitank weapons that were either shoulder- or ground-fired, and in some cases, could be fired by either method. MRS-22 (Site 3)-Beach Trainfire Ranges: The site is 952 acres in size, and is located on the Monterey Bay coastline along the western margin of former Fort Ord as shown on Plate 2. The site is currently open space with the proposed reuse of the site to include a State park with open space and recreational areas. Training maps, aerial photographs, and interviews indicate the site was used as the Beach Trainfire Ranges from 1940s until base closure in 1994. The ranges contained 17 small arms firing ranges; an obstacle course; a bivouac area; a rifle instruction circle; a bayonet assault course; chemical, biological, and radiological (CBR) training areas; target detection training areas; an infiltration course; and a former ammunition supply point. CBR training at MRS-22 (Site 3) only involved training troops in the identification

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of targets while wearing gas masks, and did not involve the use of chemical, biological or radiological materials. Training at the Beach Trainfire Ranges reportedly also included occasional practice mortar use with inert training devices, amphibious assault landings, and battle demonstrations. MRS-24B-Practice Hand Grenade Range: The site is 14.2 acres in size, and is located in the west-central portion of former Fort Ord that contains military residential housing. The site is also located south of the Main Garrison and just north of the Impact Area. MRS-24B will continue to be used for military housing. Historical and sampling information indicate the site was used as practice hand grenade range in the 1940s. MRS-24D-Booby Traps: The site is 1.8 acres in size, and is located in the west central portion of former Fort Ord that contains military residential housing. The site is also located south of the Main Garrison and just north of the former Impact Area. MRS-24D will continue to be used for military housing. The site was identified as a "Booby Traps" and squad patrol training area based on review of a 1946 historical map; however, the site boundary was northwest of the area shown as "Booby Traps" on 1945 and 1946 training maps. MRS-24E-Practice Rifle Grenade Range: The site is 2.7 acres in size, and is located in the west central portion of former Fort Ord. The site is also located south of the Main Garrison and just north of the former Impact Area within a military housing complex. MRS-24E will continue to be used for military housing. MRS-24E was identified as a Practice Rifle Grenade Range on 1945/1946 training maps, but no evidence of this use was discovered during sampling at the site. MRS-27X-Training Site 24: The site is 79.5 acres in size, and is undeveloped open space located in the southeastern portion of former Fort Ord. MRS-27X is currently a habitat reserve area managed by the Bureau of Land Management (BLM), and is open to the public for recreational use. Based on review of Fort Ord training maps, the site was used as a troop training and maneuver area from the 1950s to 1970s, and as an overnight bivouac area and medical training area in the 1980s. MRS-27Y-Training Site 25: The site is 25 acres in size, and is mainly undeveloped open space located in the eastern portion of former Fort Ord along Inter-Garrison Road. A small portion of the site also lies on property that was transferred to California State University Monterey Bay in 1995 for development. The site was identified as one of 26 training sites within Fort Ord Training and Maneuver Areas used as troop training, maneuver, and overnight bivouac areas. MRS-32A-Oil Well Road Training Area: The site is 38 acres in size, and is located in the southeastern portion of former Fort Ord, surrounded by undeveloped open space. Proposed reuse plans for MRS-32A include maintaining the land as habitat reserve. Based on training maps and interviews, the site may have been used as a tank gunnery range in 1950s, for training with shoulder-launched projectiles in 1950s and 1960s, and as a troop training and maneuver area from 1950s to 1980s. MRS-32B-Oil Well Road Training Area II: The site is 47 acres in size, and is located in the southeastern portion of former Fort Ord, surrounded by undeveloped open space. Proposed reuse plans for MRS-32B include maintaining the land as habitat reserve. Based on historical training maps (circa 1954 and 1956), it was identified as the "Oil Well Road Training Area"; a portion of the site was reportedly used as a Tank Gunnery Range in 1950s; and the site may also have been used for firing of shoulder-launched projectiles. MRS-39-Mine and Booby Trap Area: The site is 12.1 acres in size, and is located east of General Jim Moore Boulevard and south of Gigling Road in the Marshall Park housing area. MRS-39 will continue to be used for military housing. The site was identified as a Mine and Booby Trap Training Area on 1957/1958 maps. MRS-49-Former Rifle Grenade Range: The site is 28 acres in size, and is located in the west central portion of former Fort Ord, south of Main Garrison and just north of military housing. The site is currently undeveloped and proposed reuse plans include development. The site was identified as a training area and rifle grenade range in the 1940s and 1950s

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based on interviews conducted during the Preliminary Assessment/Site Inspection (PA/SI) phase of the Fort Ord Archive Search. MRS-59A-Unnamed: The site is 41 acres in size, and is located in the eastern portion of former Fort Ord near the East Garrison and MRS-5. The site is currently undeveloped and proposed reuse plans include development. The site was identified as a possible 2.36-inch rocket range during interviews conducted during the PA/SI phase of the Fort Ord Archive Search. The site appears to have been used for/or been within the downrange area of small arms ranges from the 1930s until base closure in 1994. No training areas where military munitions would be used were identified on historical training maps. MRS-62-Laguna Seca Open Space: The site is 247 acres in size, and is located at the southern end of former Fort Ord. The site is currently open space and proposed reuse plans include development. The site was identified as a small arms and flare training area during an interview with a former Fort Ord Fire Chief conducted during the PA/SI phase of Fort Ord Archive Search. Based on review of training maps, aerial photographs, and site reconnaissance, the site was used as a troop training and maneuver area from the late 1940s through 1980s; and the southern half of the site was included in a "Noise Buffer Zone" from 1978 to 1987, where no firing of ammunition was allowed, including pyrotechnics, explosives, or simulators. MRS-62 lies within a larger area identified during interviews conducted as part of the Archives Search as "Area T" and was described as a general area where training may have occurred. The boundary of MRS-62 is based on transfer parcel delineation and not on evidence of munitions use. The boundary of MRS-62 was established to correspond to with disposal Parcel L20.6. Although the size of the parcel to be transferred has changed over time, the boundary of MRS-62 corresponds with the current boundary of Parcel L20.6. MRS-63-Canyon Training Area: The site is 28 acres in size, and is located at the southern end of former Fort Ord east of MRS-62. MRS-63 is currently a habitat reserve area managed by the BLM, and is open to the public for recreational use. The site was identified as a small arms and flare training area during the PA/SI phase of the Fort Ord Archive Search. Based on review of training maps, aerial photographs, and site reconnaissance, most of the site was included in a "Noise Buffer Zone" from 1978 to 1987, where no firing of ammunition was allowed, including pyrotechnics, explosives, or simulators. MRS-66-Signal Corps Small Arms: The site is 41 acres in size, and is located in the northeastern portion of former Fort Ord Plate 2. The majority of the site lies on property transferred to California State University Monterey Bay (CSUMB) that is currently used for student housing or is proposed for development. A small portion of the site lies on property that is designated as habitat reserve. The site was identified as a reported signal corps field training area during the PA/SI phase of Fort Ord Archive Search, and other uses included aviation training, basic unit training, and a bivouac area from 1950s until housing construction in 1989. MRS-69-Unnamed: The site is 37 acres in size, and is undeveloped open space located on the eastern side of former Fort Ord. MRS-69 is currently a habitat reserve area managed by the BLM, and is open to the public for recreational use. The site was identified as an area of possible rifle grenade use based on interviews with a former Fort Ord Fire Chief. This site is within land transferred to the BLM and is open to the public for hiking, biking, and horseback riding. Use is limited to marked trails. The public has had access to this area for approximately 6 years. MRS-70-Unnamed: The site is 14 acres in size, and is located on the southeastern side of former Fort Ord, south of Oil Well Road. The site is currently a habitat reserve area managed by BLM, and is open to the public for recreational use. The area encompassing MRS-70 was identified as containing firing berms based on interviews with a former Fort Ord Fire Chief. A ROD addressing OU 9 was completed in April 2005. Operable Unit 2: The Fort Ord Landfills area was designated as Operable Unit 2 (OU2) when a remedial investigation identified

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the presence of volatile organic compounds (VOCs) associated with landfilled materials in groundwater beneath the site. Based on frequency of detection and measured concentrations, trichloroethene (TCE) was the most significant groundwater contaminant detected during the remedial investigation. Remedial actions have been implemented to address contaminated groundwater and ongoing remediation of groundwater associated with OU2 is being conducted in accordance with the OU2 Record of Decision (ROD) and the Explanation of Significant Differences, Operable Unit 2, Fort Ord Landfills (OU2 ESD). In accordance with the OU2 ROD and the Explanation of Significant Differences, Area A, Operable Unit 2, Fort Ord Landfills, the Army completed removal and consolidation of refuse from the north landfill into the main landfill in October 1998 and installation of an engineered cover system for the main landfill in December 2002 as part of the closure process for the Fort Ord Landfills. At the Fort Ord Landfills, the perimeter fence line was initially designated as the boundary for landfill gas (LFG) compliance monitoring in accordance with applicable or relevant and appropriate requirements (ARARS) and LFG monitoring probes were installed inside the fence line. Monitoring of these probes commenced in June 2000. Fixed-based laboratory results and field measurements showed methane concentration exceeding the 5% regulatory standard in most probes. The Army performed an additional investigation in August 2000 and sampling results showed that methane was detectable extending out about 70 feet from the fence line on the east side of Area F. All probes were monitored again in September and December 2000, with the results again showing methane concentrations exceeding the 5% standard. In response the Army installed additional probes at locations around the outer parts of the OU2 property beyond the fence line in April and May 2001. Analytical results for these probes indicated that methane concentrations at the property boundary were less than the 5% standard, with the exception of the east side of Area F. The Army also performed ambient air monitoring in October 2000, November 2000, September 2001 and September 2002 to determine landfill gas dispersion in ambient air on the east side of Area F. The results showed trace concentrations of volatile organic compounds (VOCs) in air between the Fort Ord Landfills and the nearest housing. These data were used to complete a screening level human health risk assessment (HHRA) for nearby residences. The HHRA was updated after each monitoring event and attached as an appendix to each ambient air monitoring report. The HHRA concluded that there is a health risk for long-term exposure to VOCs in ambient air; however, the Army determined the data evaluated in the HHRA were limited and additional monitoring would be appropriate. Additional ambient air monitoring was conducted on a quarterly basis in 2003 and the HHRA updated to include these data and evaluate specifically landfill-related risk. The updated HHRA indicated the Fort Ord Landfills are not a significant contributor of VOCs in ambient air or risk to downwind receptors. The following remedies for the Fort Ord Landfills were selected in the OU2 ROD:- A cover system to (1) prevent rainwater from percolating through the landfilled areas into the underlying aquifers; (2) collect and remove methane offgas (if necessary); and (3) prevent exposure of sanitary waste in the landfills to the surrounding environment.- Institutional controls (i.e., deed restrictions) to be placed on the property to ensure that the integrity of the cover system is maintained and prevent potential direct exposures of VOCs to the environment or people associated with future use of the site.- Institutional controls (i.e., deed restrictions) that prevent the use of groundwater within the contaminant plume.- Groundwater extraction and treatment, to be monitored on a regular basis and adjusted as warranted by the performance data collected during operation. Additionally, treated groundwater will be discharged to the A-aquifer and Upper 180-foot aquifer by means of recharge systems or reused at the surface. Three previous ESDs to the OU2 ROD have been completed:- Explanation of Significant Differences, Operable Unit 2, Fort Ord Landfills (OU2 ESD). The

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OU2 ESD finalized the cleanup standard for the Upper 180-foot Aquifer to be consistent with those of the A-aquifer to facilitate the coordinated cleanup strategy for both aquifers. - Explanation of Significant Differences, Area A, Operable Unit 2, Fort Ord Landfills (Area A ESD). The Area A ESD addressed excavation and consolidation of refuse from the north landfill (Area A) into the main landfill (Areas B through F). - Explanation of Significant Differences, Consolidation of Remediation Waste in a Corrective Action Management Unit, Operable Unit 2, Fort Ord Landfills (CAMU ESD). The CAMU ESD addressed using remediation waste as foundation layer material instead of "clean" (uncontaminated) soil as described in the OU2 ROD. An additional ESD addressing OU2 was completed in October of 2006. The Former Fort Ord is located near Monterey Bay in northwestern Monterey County, California, approximately 80 miles south of San Francisco. The base comprises approximately 28,000 acres adjacent to the cities of Seaside, Sand City, Monterey, and Delof Decision (ROD), this 30 acre portion was clean-closed. The main landfill covers approximately 120 acres that have not been developed. Other areas include a former fire drill area, motor pool maintenance areas, small dump sites, and small arms tarsives. Since the base was selected in 1991 for base realignment and closure (BRAC) and was officially closed in September 1994, site visits, historic and archival investigations, OE sampling, and removal actions have been performed and documented in former Fort Ord subject to the provisions of the Fort Ord FFA. EPA OU-01: Fritzsche Army Airfield Fire Drill Area An investigation into the nature and extent of contamination in the Fritzsche Army Airfield practice fire area began in 1984. The ROD wter treatment system is complete and is operational. In May 1995, the Army proposed to consolidate wastes from several areas around the main landfill which will provide more clean land for re-use. The changes are documented in the Explanation of Signd grenades, mortars, rockets, mines, and artillery rounds. The remedy for Site 39 as described in the Remedial Investigation (RI) Sites Record of Decision (ROD) addresses lead contamination at the Small Arms Ranges, as well as explosive compounds, p in 2000, with the dunes being re-contoured and re-vegetated. The Army is finalizing a post-cleanup ecological risk assessment which suggests the initial cleanup is protective of ecological species as well. EPA OU-08: OE Track 0 (No Further Action) the process set out in CERCLA Section 120. Because this is a National Priority List (NPL) site, the Army and EPA jointly select remedial actions including No Action determinations. Therefore, regulatory agencies (EPA and DTSC) have been and will contite 3 (MRS-22); Former Fort Ord, California (Track 1 ROD). Track 2 sites are areas at the former Fort Ord where MEC items were present, and MEC removal actions have been completed. Track 3 sites are areas at the former Fort Ord where MEC items are kned at these ranges included 4.2-inch, 60mm, and 81mm mortars; 14.5mm subcaliber projectiles; 35mm subcaliber rockets; 90mm recoilless rifle rounds; 84mm high explosive antitank (HEAT) projectiles; 40mm high explosive (HE) grenades; 66mm light antitanA, approximately 1,500 feet north of South Boundary Road and to the west of Barloy Canyon Road. The Interim Action site was identified based on the presence of 40mm HE projectiles and is designated as habitat reserve. Range 30A is part of the formerforced with concertina wire, and warning signs posted approximately every 500 feet along the fencing. In 2001 alone, two incidents of damaged fencing that may have been caused by trespassers occurred within 2,000 feet of Range 30A (near Range 30), an OE-16 had been used for training and live fire exercises from approximately the 1940s until the time the base was officially closed in 1994. Practice and HEAT rockets and rifle grenades were used in the 1940s and possibly the early 1950s. The site wd of Decision addressing OE at EPA OU-10 was signed in September 2002. Operable Unit 10: MRS-3 Based on the MRS-3 sampling results, a MEC removal to four feet bgs was recommended per the Final Phase I Engineering Evaluation/Cost Analysis (Phase I E MEC items were removed. In addition, 293 items were removed, inspected and determined not to

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pose an explosive hazard; these items were classified as MD and were disposed or recycled. Most of the items found at MRS-4B were consistent with the report MRS-13B at depths ranging from a few to 48 inches bgs. The DMM and MD recovered from burial pits included grenade and mine fuzes, firing devices, pyrotechnics (signal, illumination and smoke), rockets, rifle and hand smoke grenades, blasting caps, items found within MRS-27G were generally of the types associated with overnight bivouac training sites and general maneuver areas. Within MRS-27G's boundaries a small number of 75 millimeter (mm) and 37mm items were removed, inspected and determined removal to four feet bgs. This MRS was subsequently subdivided into 240 100- X 100-foot removal grids. An investigation for MEC was conducted using the Schonstedt Model GA-52/Cx magnetometer, with all detected MEC removed. 50 MEC items were removed. 1 ere removed. In addition, 149 pounds of debris was removed, inspected and determined not to pose an explosive hazard; these items were classified as MD and were disposed or recycled. Of the 26 MEC items recovered, 2 munitions (a MK I 75mm Shrapnel prtems were non-penetrating (e.g., pyrotechnics, grenades, and grenade and projectile fuzes) munitions. The penetrating military munitions found included projectiles, rifle grenades, and rockets. Both DMM and MD were found in numerous burial pits that ated all detected anomalies at 52 100- X 100-foot grids using a Schonstedt Model GA-52/Cx magnetometer. During this investigation, 19 MEC items were removed. In addition, 453 pounds of debris was removed, inspected and determined not to pose an exploal pits were discovered during the removal conducted at MRS-53. Both DMM and MD were found in burial pits at depths ranging from a few to 48 inches bgs. The DMM and MD recovered from these pits included fuzes (grenade, mine, time, and projectile), sich 1998, 23 100- X 200-foot grids were identified at MRS-55. Subsequently, 19 of these grids were surveyed using a Schonstedt Model GA-52/Cx magnetometer with a maximum search lane width of 5 feet. Following the survey, anomalies were selected for in). Other sources of future land use information include public benefit conveyance, negotiated sale requests, transfer documents, and the Installation-Wide Multispecies Habitat Management Plan for Former Fort Ord, California. The Reuse Plan identified in ground disturbing activities (e.g., during construction/excavation). A ROD addressing Operable Unit 10 was completed in August 2008. The first prescribed burn took place on October 24, 2003. The burn escaped the initial boundaries and 1000 acresm Action in the Record of Decision, Interim Action for Ordnance and Explosives at Ranges 43-48, Range 30.A, and Site OE-16, Former Fort Ord, California (Interim Action ROD; .Army, 2002), and the implementation of MEC remediation under the Interim Acton tetrachloride (CT) detected in three different aquifers up to 550 feet below ground surface (bgs). No records exist to indicate exactly when, how often, or how much CT may have been used, stored, or disposed of; however, by delineating the areas od by the Marina Coast Water District (MCWD) and is pumped from wells that are located east of the OUCTP area screened in the Lower 180-Foot Aquifer. Based on groundwater monitoring data and data provided by the MCWD, these drinking water wells have nnd flame thrower training. Most of this area has been used for military housing for over 40 years. MRS-6-Mine and Booby Trap Training Area: The site is 2 acres in size, and is located in the northwest portion of former Fort Ord near residential hous Training Range and was reportedly used for various training activities including recoilless rifle, machine gun, and other unknown types of training. Recoilless rifles are portable antitank weapons that were either shoulder- or ground-fired, and in soesidential housing. The site is also located south of the Main Garrison and just north of the former Impact Area. MRS-24D will continue to be used for military housing The site was identified as a Booby Traps and squad patrol training area based on revied reuse plans for MRS-32A include maintaining the land as habitat reserve. Based on training maps and interviews, the site may have been used as a tank gunnery range in 1950s, for training with

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shoulder-launched projectiles in 1950s and 1960s, and a. The site appears to have been used for/or been within the downrange area of small arms ranges from the 1930s until base closure in 1994. No training areas where military munitions would be used were identified on historical training maps. MRS-62-L78 to 1987, where no firing of ammunition was allowed, including pyrotechnics, explosives, or simulators. MRS-66-Signal Corps Small Arms: The site is 41 acres in size, and is located in the northeastern portion of former Fort Ord Plate 2. The major site. Based on frequency of detection and measured concentrations, trichloroethene (TCE) was the most significant groundwater contaminant detected during the remedial investigation. Remedial actions have been implemented to address contaminated ground of Area F. The Army also performed ambient air monitoring in October 2000, November 2000, September 2001 and September 2002 to determine landfill gas dispersion in ambient air on the east side of Area F. The results showed trace concentrations of vol groundwater will be discharged to the A-aquifer and Upper 180-foot aquifer by means of recharge systems or reused at the surface. Three previous ESDs to the OU2 ROD have been completed: - Explanation of Significant Differences, Operable Unit 2, Fort O

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	11/1/1980 0:00:00
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	3/1/1986 0:00:00
Date Completed:	4/1/1986 0:00:00
Priority Level:	Low priority for further assessment
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	6/1/1987 0:00:00
Priority Level:	Higher priority for further assessment
Action:	HRS PACKAGE
Date Started:	Not reported
Date Completed:	6/1/1987 0:00:00
Priority Level:	Not reported
Action:	PROPOSAL TO NPL
Date Started:	Not reported
Date Completed:	7/14/1989 0:00:00
Priority Level:	Not reported
Action:	NPL RP SEARCH
Date Started:	Not reported
Date Completed:	2/20/1990 0:00:00
Priority Level:	Not reported
Action:	FINAL LISTING ON NPL
Date Started:	Not reported
Date Completed:	2/21/1990 0:00:00
Priority Level:	Not reported
Action:	Notice Letters Issued
Date Started:	Not reported
Date Completed:	2/26/1990 0:00:00

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Priority Level:	Not reported
Action:	IAG NEGOTIATIONS
Date Started:	2/28/1990 0:00:00
Date Completed:	7/23/1990 0:00:00
Priority Level:	Not reported
Action:	FEDERAL INTERAGENCY AGREEMENT
Date Started:	7/23/1990 0:00:00
Date Completed:	7/23/1990 0:00:00
Priority Level:	Not reported
Action:	FF RI/FS
Date Started:	11/4/1993 0:00:00
Date Completed:	3/15/1994 0:00:00
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	3/15/1994 0:00:00
Priority Level:	Not reported
Action:	FF RI/FS
Date Started:	7/23/1990 0:00:00
Date Completed:	8/23/1994 0:00:00
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	8/23/1994 0:00:00
Priority Level:	Not reported
Action:	FF REMOVAL
Date Started:	7/13/1994 0:00:00
Date Completed:	10/24/1994 0:00:00
Priority Level:	Partially Cleaned up
Action:	FF REMOVAL
Date Started:	7/19/1994 0:00:00
Date Completed:	11/10/1994 0:00:00
Priority Level:	Partially Cleaned up
Action:	FF RD
Date Started:	5/17/1994 0:00:00
Date Completed:	12/20/1994 0:00:00
Priority Level:	Not reported
Action:	FF RI/FS
Date Started:	7/23/1990 0:00:00
Date Completed:	4/13/1995 0:00:00
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	4/13/1995 0:00:00
Priority Level:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Action: Explanation Of Significant Differences
Date Started: Not reported
Date Completed: 8/23/1995 0:00:00
Priority Level: Not reported

Action: FF RI/FS
Date Started: 7/23/1990 0:00:00
Date Completed: 9/29/1995 0:00:00
Priority Level: Not reported

Action: FF RD
Date Started: 9/29/1995 0:00:00
Date Completed: 9/29/1995 0:00:00
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 9/29/1995 0:00:00
Priority Level: Not reported

Action: FF RD
Date Started: 9/15/1994 0:00:00
Date Completed: 10/25/1995 0:00:00
Priority Level: Not reported

Action: FF RD
Date Started: 9/15/1994 0:00:00
Date Completed: 3/7/1996 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 6/19/1995 0:00:00
Date Completed: 3/7/1996 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 7/10/1995 0:00:00
Date Completed: 3/7/1996 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 6/21/1995 0:00:00
Date Completed: 9/19/1996 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 7/10/1995 0:00:00
Date Completed: 9/19/1996 0:00:00
Priority Level: Not reported

Action: FF RI/FS
Date Started: 7/23/1990 0:00:00
Date Completed: 1/17/1997 0:00:00
Priority Level: Not reported

Action: FF RI/FS
Date Started: 7/23/1990 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Date Completed: 1/17/1997 0:00:00
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 1/17/1997 0:00:00
Priority Level: Not reported

Action: Explanation Of Significant Differences
Date Started: Not reported
Date Completed: 1/17/1997 0:00:00
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 1/17/1997 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 4/11/1995 0:00:00
Date Completed: 1/31/1997 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 7/1/1996 0:00:00
Date Completed: 1/31/1997 0:00:00
Priority Level: Not reported

Action: FF RD
Date Started: 2/1/1997 0:00:00
Date Completed: 3/5/1997 0:00:00
Priority Level: Not reported

Action: FF RD
Date Started: 2/1/1997 0:00:00
Date Completed: 3/5/1997 0:00:00
Priority Level: Not reported

Action: FF RD
Date Started: 2/1/1997 0:00:00
Date Completed: 3/5/1997 0:00:00
Priority Level: Not reported

Action: FF RD
Date Started: 2/1/1997 0:00:00
Date Completed: 3/5/1997 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 8/1/1995 0:00:00
Date Completed: 4/9/1997 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 9/2/1994 0:00:00
Date Completed: 4/14/1997 0:00:00
Priority Level: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Action: FF RA
Date Started: 6/26/1995 0:00:00
Date Completed: 4/14/1997 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 7/26/1995 0:00:00
Date Completed: 4/14/1997 0:00:00
Priority Level: Not reported

Action: FF RD
Date Started: 1/17/1997 0:00:00
Date Completed: 6/3/1997 0:00:00
Priority Level: Not reported

Action: FF RD
Date Started: 2/1/1997 0:00:00
Date Completed: 6/9/1997 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 3/2/1997 0:00:00
Date Completed: 7/22/1997 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 5/20/1997 0:00:00
Date Completed: 7/23/1997 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 7/5/1995 0:00:00
Date Completed: 7/28/1997 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 2/20/1996 0:00:00
Date Completed: 1/13/1998 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 4/27/1997 0:00:00
Date Completed: 3/18/1998 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 6/26/1995 0:00:00
Date Completed: 4/6/1998 0:00:00
Priority Level: Not reported

Action: FF REMOVAL
Date Started: 5/8/1998 0:00:00
Date Completed: 5/8/1998 0:00:00
Priority Level: Not reported

Action: Restoration Advisory Board
Date Started: 5/10/1994 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Date Completed: 6/1/1999 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 3/3/1997 0:00:00
Date Completed: 9/20/1999 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 3/6/1997 0:00:00
Date Completed: 9/20/1999 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 5/14/1998 0:00:00
Date Completed: 9/20/1999 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 5/31/1997 0:00:00
Date Completed: 9/20/2000 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 6/1/1995 0:00:00
Date Completed: 2/5/2002 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 11/10/1997 0:00:00
Date Completed: 2/5/2002 0:00:00
Priority Level: Not reported

Action: FF RI/FS
Date Started: 4/11/2000 0:00:00
Date Completed: 7/2/2002 0:00:00
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 7/2/2002 0:00:00
Priority Level: Not reported

Action: TECHNICAL ASSISTANCE GRANT
Date Started: 10/1/1996 0:00:00
Date Completed: 8/16/2002 0:00:00
Priority Level: Not reported

Action: FF RI/FS
Date Started: 4/11/2000 0:00:00
Date Completed: 9/20/2002 0:00:00
Priority Level: Not reported

Action: FF FIVE-YEAR REVIEW
Date Started: 2/27/2002 0:00:00
Date Completed: 9/20/2002 0:00:00
Priority Level: Not reported

Map ID
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Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	9/20/2002 0:00:00
Priority Level:	Not reported
Action:	FF RA
Date Started:	8/23/1994 0:00:00
Date Completed:	9/27/2002 0:00:00
Priority Level:	Not reported
Action:	FF RA
Date Started:	5/5/1998 0:00:00
Date Completed:	9/27/2002 0:00:00
Priority Level:	Not reported
Action:	FF REMOVAL
Date Started:	10/26/2001 0:00:00
Date Completed:	10/24/2003 0:00:00
Priority Level:	Not reported
Action:	FF REMOVAL
Date Started:	12/1/2003 0:00:00
Date Completed:	12/1/2003 0:00:00
Priority Level:	Not reported
Action:	Explanation Of Significant Differences
Date Started:	Not reported
Date Completed:	12/1/2003 0:00:00
Priority Level:	Not reported
Action:	FF REMOVAL
Date Started:	2/6/2004 0:00:00
Date Completed:	5/4/2004 0:00:00
Priority Level:	Not reported
Action:	FF RA
Date Started:	7/18/1997 0:00:00
Date Completed:	3/16/2005 0:00:00
Priority Level:	Not reported
Action:	FF RI/FS
Date Started:	4/11/2000 0:00:00
Date Completed:	4/6/2005 0:00:00
Priority Level:	Not reported
Action:	RECORD OF DECISION
Date Started:	Not reported
Date Completed:	4/6/2005 0:00:00
Priority Level:	Not reported
Action:	Explanation Of Significant Differences
Date Started:	Not reported
Date Completed:	4/26/2005 0:00:00
Priority Level:	Not reported
Action:	FF RI/FS
Date Started:	7/29/2002 0:00:00

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Date Completed: 5/1/2006 0:00:00
Priority Level: Not reported

Action: FF RD
Date Started: 7/1/2006 0:00:00
Date Completed: 8/8/2006 0:00:00
Priority Level: Not reported

Action: Explanation Of Significant Differences
Date Started: Not reported
Date Completed: 10/4/2006 0:00:00
Priority Level: Not reported

Action: FF RA
Date Started: 10/24/2003 0:00:00
Date Completed: 2/12/2007 0:00:00
Priority Level: Interim RA Report

Action: ADMIN ORDER ON CONSENT
Date Started: Not reported
Date Completed: 5/14/2007 0:00:00
Priority Level: Not reported

Action: FF FIVE-YEAR REVIEW
Date Started: 4/2/2007 0:00:00
Date Completed: 9/25/2007 0:00:00
Priority Level: Not reported

Action: TECHNICAL ASSISTANCE GRANT
Date Started: 11/1/2007 0:00:00
Date Completed: 12/21/2007 0:00:00
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 2/6/2008 0:00:00
Priority Level: Not reported

Action: FF REMOVAL
Date Started: 1/23/2002 0:00:00
Date Completed: 5/15/2008 0:00:00
Priority Level: Not reported

Action: FF RI/FS
Date Started: 6/3/2005 0:00:00
Date Completed: 5/15/2008 0:00:00
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 5/15/2008 0:00:00
Priority Level: Not reported

Action: FF RI/FS
Date Started: 4/11/2000 0:00:00
Date Completed: 8/26/2008 0:00:00
Priority Level: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 8/26/2008 0:00:00
Priority Level: Not reported

Action: FF REMOVAL
Date Started: 12/14/2001 0:00:00
Date Completed: 8/28/2008 0:00:00
Priority Level: Not reported

Action: FF RI/FS
Date Started: 3/27/2007 0:00:00
Date Completed: 11/21/2008 0:00:00
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 11/21/2008 0:00:00
Priority Level: Not reported

Action: FF RD
Date Started: 5/15/2008 0:00:00
Date Completed: 12/10/2008 0:00:00
Priority Level: Not reported

Action: FF REMOVAL
Date Started: 5/20/1994 0:00:00
Date Completed: Not reported
Priority Level: Not reported

Action: FF RA
Date Started: 8/23/1994 0:00:00
Date Completed: Not reported
Priority Level: Not reported

Action: FF RA
Date Started: 9/29/1995 0:00:00
Date Completed: Not reported
Priority Level: Not reported

Action: FF RA
Date Started: 5/17/1997 0:00:00
Date Completed: Not reported
Priority Level: Not reported

Action: FF REMOVAL
Date Started: 9/1/1997 0:00:00
Date Completed: Not reported
Priority Level: Not reported

Action: FF RA
Date Started: 5/5/1998 0:00:00
Date Completed: Not reported
Priority Level: Not reported

Action: FF RA
Date Started: 4/1/1999 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Date Completed:	Not reported
Priority Level:	Not reported
Action:	OPERATIONS AND MAINTENANCE
Date Started:	9/27/2002 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	OPERATIONS AND MAINTENANCE
Date Started:	9/27/2002 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	TECHNICAL ASSISTANCE GRANT
Date Started:	8/15/2003 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FF RA
Date Started:	10/19/2006 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FF RD
Date Started:	2/6/2008 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FF RI/FS
Date Started:	5/24/2008 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FF RA
Date Started:	8/1/2008 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FF RI/FS
Date Started:	8/1/2008 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FF RA
Date Started:	11/25/2008 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FF RD
Date Started:	11/25/2008 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported
Action:	FF RA
Date Started:	12/10/2008 0:00:00
Date Completed:	Not reported
Priority Level:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Action: FF RI/FS
Date Started: 2/27/2009 0:00:00
Date Completed: Not reported
Priority Level: Not reported

CORRACTS:

EPA ID: CA7210020676
EPA Region: 09
Area Name: OU#1 FIRE DRILL AREA
Actual Date: 1/1/1988
Action: CA600GW - Stabilization Measures Implemented, Groundwater extraction and treatment
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 1/1/1996
Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: BASEWIDE RI SITES
Actual Date: 1/13/1997
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: BASEWIDE RI SITES
Actual Date: 1/13/1997
Action: CA200 - RFI Approved
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Area Name: BASEWIDE RI SITES
Actual Date: 1/13/1997
Action: CA350 - CMS Approved
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 1/17/1995
Action: CA075HI - CA Prioritization, Facility or area was assigned a high
corrective action priority
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 4/8/1998
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not
amenable to stabilization activity at the, present time for reasons
other than (1) it appears to be technically, infeasible or
inappropriate (NF) or (2) there is a lack of technical, information
(IN). Reasons for this conclusion may be the status of, closure at the
facility, the degree of risk, timing considerations, the status of
corrective action work at the facility, or other, administrative
considerations
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 4/8/1998
Action: CA750NO - Migration of Contaminated Groundwater under Control,
Unacceptable migration of contaminated groundwater is observed or
expected
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 4/8/1998
Action: CA725NO - Current Human Exposures Under Control, Current human

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

exposures are NOT under control

NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 4/8/1998
Action: CA210 - CA Responsibility Referred To A Non-RCRA Federal Authority

NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 5/22/2000
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected

NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 5/22/2000
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control

NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 7/23/1990
Action: CA250 - CMS Imposition

NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Actual Date: 7/23/1990
Action: CA100 - RFI Imposition
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 8/8/1996
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: OU#1 FIRE DRILL AREA
Actual Date: 12/1/1988
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 12/1/1991
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CA7210020676
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 12/1/1991
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 56121 61163
Facilities Support Services
Language Schools
Original schedule date: Not reported
Schedule end date: Not reported

US ENG CONTROLS:

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Address: FORMER ARMY BASE FORT ORD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

EPA Region: MARINA, CA 93933
County: 09
Event Code: MONTEREY
Actual Date: Not reported

Action ID: 003
Action Name: Explanation Of Significant Differences
Action Completion date: 12/1/2003
Planned Complet. date: Not reported
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Disposal

Action ID: 003
Action Name: Explanation Of Significant Differences
Action Completion date: 12/1/2003
Planned Complet. date: Not reported
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Excavation

Action ID: 004
Action Name: Explanation Of Significant Differences
Action Completion date: 4/26/2005
Planned Complet. date: Not reported
Operable Unit: 08
Contaminated Media : Debris
Engineering Control: No Action

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/15/1994
Planned Complet. date: 3/31/1994
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Bioremediation Treatment, (N.O.S.)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/15/1994
Planned Complet. date: 3/31/1994
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Disposal

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/15/1994
Planned Complet. date: 3/31/1994
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Excavation

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/15/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Planned Complet. date: 3/31/1994
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Liner

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/15/1994
Planned Complet. date: 3/31/1994
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/15/1994
Planned Complet. date: 3/31/1994
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Recycling

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/15/1994
Planned Complet. date: 3/31/1994
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (ex-situ)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/15/1994
Planned Complet. date: 3/31/1994
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Storage - Temporary

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 8/23/1994
Planned Complet. date: 9/30/1994
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Carbon Adsorption

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 8/23/1994
Planned Complet. date: 9/30/1994
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Discharge

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 8/23/1994
Planned Complet. date: 9/30/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 8/23/1994
Planned Complet. date: 9/30/1994
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Reinjection

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 8/23/1994
Planned Complet. date: 9/30/1994
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: Cap

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 8/23/1994
Planned Complet. date: 9/30/1994
Operable Unit: 02
Contaminated Media : Solid Waste
Engineering Control: Cap

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 4/13/1995
Planned Complet. date: 6/30/1995
Operable Unit: 05
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/1995
Planned Complet. date: 9/30/1995
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Carbon Adsorption

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/1995
Planned Complet. date: 9/30/1995
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Extraction

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/1995
Planned Complet. date: 9/30/1995
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/1995
Planned Complet. date: 9/30/1995
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Pump And Treat

Action ID: 004
Action Name: RECORD OF DECISION
Action Completion date: 9/29/1995
Planned Complet. date: 9/30/1995
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: No Further Action

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 1/17/1997
Planned Complet. date: 3/31/1997
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Carbon Adsorption

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 1/17/1997
Planned Complet. date: 3/31/1997
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Extraction

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 1/17/1997
Planned Complet. date: 3/31/1997
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Pump And Treat

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 1/17/1997
Planned Complet. date: 3/31/1997
Operable Unit: 03
Contaminated Media : Groundwater
Engineering Control: Reinjection

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 1/17/1997
Planned Complet. date: 3/31/1997
Operable Unit: 03
Contaminated Media : Soil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Engineering Control: Disposal

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 1/17/1997
Planned Complet. date: 3/31/1997
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: Excavation

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 1/17/1997
Planned Complet. date: 3/31/1997
Operable Unit: 03
Contaminated Media : Soil
Engineering Control: No Further Action

Action ID: 006
Action Name: RECORD OF DECISION
Action Completion date: 1/17/1997
Planned Complet. date: 3/31/1997
Operable Unit: 07
Contaminated Media : Soil
Engineering Control: Disposal

Action ID: 006
Action Name: RECORD OF DECISION
Action Completion date: 1/17/1997
Planned Complet. date: 3/31/1997
Operable Unit: 07
Contaminated Media : Soil
Engineering Control: Excavation

Action ID: 006
Action Name: RECORD OF DECISION
Action Completion date: 1/17/1997
Planned Complet. date: 3/31/1997
Operable Unit: 07
Contaminated Media : Soil
Engineering Control: Revegetation

Action ID: 008
Action Name: RECORD OF DECISION
Action Completion date: 7/2/2002
Planned Complet. date: 9/30/2002
Operable Unit: 08
Contaminated Media : Solid Waste
Engineering Control: No Action

Action ID: 009
Action Name: RECORD OF DECISION
Action Completion date: 4/6/2005
Planned Complet. date: 4/1/2005
Operable Unit: 09
Contaminated Media : Soil
Engineering Control: No Further Action

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Action ID: 011
Action Name: RECORD OF DECISION
Action Completion date: 5/15/2008
Planned Complet. date: 5/30/2008
Operable Unit: 11
Contaminated Media : Solid Waste
Engineering Control: Other, (N.O.S.)

Action ID: 013
Action Name: RECORD OF DECISION
Action Completion date: 9/20/2002
Planned Complet. date: Not reported
Operable Unit: 10
Contaminated Media : Solid Waste
Engineering Control: Engineering Control, (N.O.S.)

Action ID: 013
Action Name: RECORD OF DECISION
Action Completion date: 9/20/2002
Planned Complet. date: Not reported
Operable Unit: 10
Contaminated Media : Solid Waste
Engineering Control: Excavation

Action ID: 013
Action Name: RECORD OF DECISION
Action Completion date: 9/20/2002
Planned Complet. date: Not reported
Operable Unit: 10
Contaminated Media : Solid Waste
Engineering Control: Explosive/Unexplosive Ordnance

Action ID: 013
Action Name: RECORD OF DECISION
Action Completion date: 9/20/2002
Planned Complet. date: Not reported
Operable Unit: 10
Contaminated Media : Solid Waste
Engineering Control: Open Burn/Open Detonation

Action ID: 013
Action Name: RECORD OF DECISION
Action Completion date: 9/20/2002
Planned Complet. date: Not reported
Operable Unit: 10
Contaminated Media : Solid Waste
Engineering Control: Population Relocation, Temporary

Action ID: 014
Action Name: RECORD OF DECISION
Action Completion date: 2/6/2008
Planned Complet. date: 12/31/2007
Operable Unit: 12
Contaminated Media : Groundwater
Engineering Control: Bioremediation (In-Situ)

Action ID: 014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Action Name: RECORD OF DECISION
Action Completion date: 2/6/2008
Planned Complet. date: 12/31/2007
Operable Unit: 12
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 014
Action Name: RECORD OF DECISION
Action Completion date: 2/6/2008
Planned Complet. date: 12/31/2007
Operable Unit: 12
Contaminated Media : Groundwater
Engineering Control: Natural Attenuation

Action ID: 014
Action Name: RECORD OF DECISION
Action Completion date: 2/6/2008
Planned Complet. date: 12/31/2007
Operable Unit: 12
Contaminated Media : Groundwater
Engineering Control: Pump And Treat

Action ID: 014
Action Name: RECORD OF DECISION
Action Completion date: 2/6/2008
Planned Complet. date: 12/31/2007
Operable Unit: 12
Contaminated Media : Groundwater
Engineering Control: Well Head Treatment

US INST CONTROL:

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933

EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Water Supply Use Restriction
Actual Date: Not reported
Comple. Date: 08/23/94
Operable Unit: 02
Contaminated Media : Groundwater

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933

EPA Region: 09
County: MONTEREY
Event Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Inst. Control: Deed Restriction
Actual Date: Not reported
Comple. Date: 08/23/94
Operable Unit: 02
Contaminated Media : Soil

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933

EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported
Comple. Date: 08/23/94
Operable Unit: 02
Contaminated Media : Solid Waste

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933

EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported
Comple. Date: 01/17/97
Operable Unit: 03
Contaminated Media : Groundwater

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933

EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Water Supply Use Restriction
Actual Date: Not reported
Comple. Date: 01/17/97
Operable Unit: 03
Contaminated Media : Groundwater

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Deed Restriction
Actual Date: Not reported
Comple. Date: 01/17/97
Operable Unit: 03
Contaminated Media : Soil

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933

EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Building, demolition, or excavation regulation
Actual Date: Not reported
Comple. Date: 05/15/08
Operable Unit: 11
Contaminated Media : Solid Waste

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933

EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Zoning regulation
Actual Date: Not reported
Comple. Date: 05/15/08
Operable Unit: 11
Contaminated Media : Solid Waste

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933

EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Deed Notices
Actual Date: Not reported
Comple. Date: 02/06/08
Operable Unit: 12
Contaminated Media : Groundwater

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933
EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Groundwater use/well drilling regulation
Actual Date: Not reported
Comple. Date: 02/06/08
Operable Unit: 12
Contaminated Media : Groundwater

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933
EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Building, demolition, or excavation regulation
Actual Date: Not reported
Comple. Date: 08/26/08
Operable Unit: 10
Contaminated Media : Solid Waste

EPA ID: CA7210020676
Site ID: 0902783
Name: FORT ORD
Action Name: RECORD OF DECISION
Address: FORMER ARMY BASE FORT ORD
MARINA, CA 93933
EPA Region: 09
County: MONTEREY
Event Code: Not reported
Inst. Control: Zoning regulation
Actual Date: Not reported
Comple. Date: 08/26/08
Operable Unit: 10
Contaminated Media : Solid Waste

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

FINDS:

Registry ID: 110000874929

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USARMY FORT ORD (Continued)

1000393341

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

1
NW
< 1/8
0.104 mi.
551 ft.

BUILDING 4493.3 & 4493.5
BLDG 4493 8TH AVE
FORT ORD, CA 93941

LUST **S102556674**
MCS **N/A**

Relative:
Lower

LUST REG 3:

Actual:
88 ft.

Region: 3
Regional Board: Central Coast Region
Facility County: Monterey
Status: Case Closed
Case Number: 2832
Local Case Num: Not reported
Case Type: S
Substance: Diesel
Quantity: Not reported
Abatement Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Global ID: T0605300189
Leak Source: UNK
Leak Cause: UNK
How Stopped: Not reported
How Discovered: Tank Closure
Release Date: 05/15/1997
Discovered Date: Not reported
Enter Date: 05/23/1997
Stop Date: Not reported
Review Date: / /
Enforce Date: Not reported
Close Date: 12/16/98
Enforcement Type: Not reported
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: C ST
Local Agency: 27000
Lead Agency: Local Agency
Staff Initials: CHK
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: Not reported
Remedial Action: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUILDING 4493.3 & 4493.5 (Continued)

S102556674

Monitoring: / /
Pilot Program: UST
Interim Action: 0
Funding: 0
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NRQ
Lat/Long: 36.6502591 / -121.8007617
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 0
Org Name: Not reported
Basin Plan: 9.50
Beneficial: Not reported
Priority: 3A3
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: US ARMY - POM ENVIR & NAT RESOURCES
Well Name: WELL 18 - ABANDONED
Distance From Well: 0
Assigned Name: 14S/02E-31N01 M
Summary: COUNTY GRANTED CLOSURE IN LETTERS DATED MARCH 3, 1995 AND AUGUST 22, 1996.ADMINISTRATIVELY DETERMINED CLOSURE DATE

MCS:
Global Id: T0605300189
Latitude: 36.6242
Longitude: -121.780801
Case Type: Military UST Site
Status: Completed - Case Closed
Status Date: 1998-12-16 00:00:00
Lead Agency: MONTEREY COUNTY
Caseworker: Not reported
Local Agency: MONTEREY COUNTY
RB Case Number: 2832
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

2
NE
1/8-1/4
0.137 mi.
724 ft.

FORT ORD - UNIVERSITY VILLAGES (VCA)
8TH STREET / 1ST STREET TO THE SOUTH AND HWY 1 TO
CITY OF MARINA, CA 93933

ENVIROSTOR S107736352
N/A

Relative:
Higher

ENVIROSTOR:
Site Type: Federal Superfund
Site Type Detailed: Closed Base
Acres: 0.01
NPL: YES
Regulatory Agencies: SMBRP

Actual:
111 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORT ORD - UNIVERSITY VILLAGES (VCA) (Continued)

S107736352

Lead Agency: SMBRP
Program Manager: THERESA MCGARRY
Supervisor: Charles Ridenour
Division Branch: Sacramento
Facility ID: 80001188
Site Code: 201615
Assembly: 27
Senate: 15
Special Program: Voluntary Cleanup Program
Status: Inactive - Action Required
Status Date: 2009-06-02 00:00:00
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Other Non-Military Funds
Latitude: 36.6612931089799
Longitude: -121.814346313477
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA, RESIDENTIAL AREA, RESIDENTIAL AREA
Potential COC: 30013, 30013, 30013
Confirmed COC: 30013-NO,, ,30013,, ,30013-NO
Potential Description: SOIL, SOIL, NMA
Alias Name: 80001188
Alias Type: Envirostor ID Number
Alias Name: 110033614747
Alias Type: EPA (FRS #)
Alias Name: 201615
Alias Type: Project Code (Site Code)

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 2006-05-30 00:00:00

Completed Area Name: University Villages VCA
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 2006-03-01 00:00:00

Completed Area Name: University Villages VCA
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 2006-03-01 00:00:00

Completed Area Name: University Villages VCA
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 2008-02-07 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 2006-02-04 00:00:00

Completed Area Name: University Villages VCA
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 2006-05-30 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORT ORD - UNIVERSITY VILLAGES (VCA) (Continued)

S107736352

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

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CARMEL	S102509571	HIGHLANDS SA WWTP	RT 1	93933	HIST CORTESE, LUST
CARMEL	S105023083	POINT LOBOS STATE RESERVE	RT. 1 BOX 62	93933	HIST CORTESE
MARINA	S107138443	RMC PACIFIC MATERIALS	HWY 1	93933	LUST
MARINA	S108974304	FORT ORD STATE PARK-MOU WITH DPR	1 AND 8TH ST	93933	Cortese, ENVIROSTOR
MARINA	S102628500	BUILDING 4493-4	BLDG 4493 8TH AVE	93933	HIST CORTESE, LUST, MCS
MARINA	S101612179	MARINA DISPOSAL SITE	DEL MONTE BLVD & HWY 1	93933	CA WDS, WMUDS/SWAT, LDS
MARINA	1003878860	MARINA WELL #9	1 MI E OF & DEL MONTE BLVD	93933	CERC-NFRAP
MARINA	S108054425	OLSON ELEMENTARY SCHOOL EXPANSION	175011 STREET	93933	SCH, ENVIROSTOR
SAND CITY	S106203336	SAND CITY DUMP SITE	HWY 1	93955	CA WDS, LDS
SAND CITY	S103619355	DBO DEVELOPMENT #25	5TH & METZ RD	93955	HAZNET

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: 11/01/2009	Source: EPA
Date Data Arrived at EDR: 11/13/2009	Telephone: N/A
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/14/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 04/26/2010
	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: 11/01/2009	Source: EPA
Date Data Arrived at EDR: 11/13/2009	Telephone: N/A
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/14/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 04/26/2010
	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/16/2009
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/01/2009	Source: EPA
Date Data Arrived at EDR: 11/13/2009	Telephone: N/A
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/14/2010
Number of Days to Update: 59	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/30/2009	Source: EPA
Date Data Arrived at EDR: 08/11/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 02/09/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of NPL and Base Realignment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 10/03/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/10/2009	Telephone: 703-603-8704
Date Made Active in Reports: 09/29/2009	Last EDR Contact: 01/15/2010
Number of Days to Update: 81	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 11/24/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 03/15/2010
	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: 09/15/2009	Source: EPA
Date Data Arrived at EDR: 09/22/2009	Telephone: 800-424-9346
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 11/16/2009
Number of Days to Update: 48	Next Scheduled EDR Contact: 03/01/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/11/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2009	Telephone: (415) 495-8895
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/19/2010
	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: 12/11/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2009	Telephone: (415) 495-8895
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/19/2010
	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: 12/11/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2009	Telephone: (415) 495-8895
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/11/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2009	Telephone: (415) 495-8895
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2009	Telephone: 703-603-0695
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 12/10/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/29/2010
	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: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2009	Telephone: 703-603-0695
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 12/10/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/29/2010
	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: 08/31/2009	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 09/17/2009	Telephone: 202-267-2180
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 01/15/2010
Number of Days to Update: 53	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Annually

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: 11/09/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/10/2009	Telephone: 916-323-3400
Date Made Active in Reports: 12/04/2009	Last EDR Contact: 02/09/2010
Number of Days to Update: 24	Next Scheduled EDR Contact: 05/24/2010
	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 identifies 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 11/10/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 24

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 05/24/2010
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 inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/23/2009
Date Data Arrived at EDR: 11/24/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 10

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 11/24/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 11/13/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 12/21/2009
Date Data Arrived at EDR: 12/21/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 28

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 02/05/2010
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Quarterly

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: 12/23/2009
Next Scheduled EDR Contact: 04/12/2010
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: 12/18/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/04/2009
Next Scheduled EDR Contact: 03/22/2010
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: 01/05/2010
Next Scheduled EDR Contact: 04/19/2010
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: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: No Update Planned

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: 12/10/2009
Next Scheduled EDR Contact: 03/29/2010
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: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/01/2010

Next Scheduled EDR Contact: 05/17/2010

Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

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: 12/21/2009

Date Data Arrived at EDR: 12/21/2009

Date Made Active in Reports: 01/18/2010

Number of Days to Update: 28

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 02/05/2010

Next Scheduled EDR Contact: 04/05/2010

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: 02/01/2010

Next Scheduled EDR Contact: 05/17/2010

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: 12/18/2009

Next Scheduled EDR Contact: 04/05/2010

Data Release Frequency: Quarterly

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: 01/18/2010

Next Scheduled EDR Contact: 05/03/2010

Data Release Frequency: Semi-Annually

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: 01/05/2010

Next Scheduled EDR Contact: 04/19/2010

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/10/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Semi-Annually

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: 12/10/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Semi-Annually

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: 11/13/2009
Next Scheduled EDR Contact: 03/01/2010
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: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 12/10/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Semi-Annually

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: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/07/2009	Source: EPA Region 4
Date Data Arrived at EDR: 12/09/2009	Telephone: 404-562-8677
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Semi-Annually

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: 11/24/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/25/2009	Telephone: 415-972-3372
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/10/2009	Source: EPA Region 10
Date Data Arrived at EDR: 11/12/2009	Telephone: 206-553-2857
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

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: 02/19/2009	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/17/2010
	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: 11/12/2009	Source: EPA Region 6
Date Data Arrived at EDR: 11/12/2009	Telephone: 214-665-6597
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/17/2010
	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: 03/24/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2009	Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/17/2010
	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: 12/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 12/01/2009	Telephone: 303-312-6271
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/21/2009	Source: SWRCB
Date Data Arrived at EDR: 12/21/2009	Telephone: 916-480-1028
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 02/05/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/05/2010
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-341-5712
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 01/11/2010
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/26/2010
	Data Release Frequency: Quarterly

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: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/17/2010
	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: 11/12/2009	Source: EPA Region 6
Date Data Arrived at EDR: 11/12/2009	Telephone: 214-665-7591
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Semi-Annually

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: 11/10/2009	Source: EPA Region 10
Date Data Arrived at EDR: 11/12/2009	Telephone: 206-553-2857
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/17/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

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: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/12/2009	Source: EPA Region 9
Date Data Arrived at EDR: 11/20/2009	Telephone: 415-972-3368
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

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: 12/01/2009	Source: EPA Region 8
Date Data Arrived at EDR: 12/01/2009	Telephone: 303-312-6137
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

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: 12/07/2009	Source: EPA Region 4
Date Data Arrived at EDR: 12/09/2009	Telephone: 404-562-9424
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Semi-Annually

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: 11/05/2009	Source: EPA Region 5
Date Data Arrived at EDR: 11/05/2009	Telephone: 312-886-6136
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/01/2009	Source: FEMA
Date Data Arrived at EDR: 10/29/2009	Telephone: 202-646-5797
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 01/18/2010
Number of Days to Update: 48	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 11/09/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/10/2009	Telephone: 916-323-3400
Date Made Active in Reports: 12/04/2009	Last EDR Contact: 02/09/2010
Number of Days to Update: 24	Next Scheduled EDR Contact: 02/22/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

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: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 01/05/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/04/2009	Telephone: 202-566-2777
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 01/07/2010
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-972-3336
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 01/07/2010
Number of Days to Update: 137	Next Scheduled EDR Contact: 03/22/2010
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/13/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Quarterly

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/18/2009
Date Data Arrived at EDR: 12/21/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 28

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/21/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 01/11/2010
Date Data Arrived at EDR: 01/12/2010
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 6

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 01/05/2010
Next Scheduled EDR Contact: 03/08/2010
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: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 03/01/2009
Date Data Arrived at EDR: 06/22/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 91

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/09/2009
Date Data Arrived at EDR: 11/10/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 24

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 05/24/2010
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

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: 06/30/2009
Date Data Arrived at EDR: 07/23/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 11

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/09/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 12/07/2009
Number of Days to Update: 8	Next Scheduled EDR Contact: 03/22/2010
	Data Release Frequency: Varies

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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Local Land Records

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: 11/03/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/05/2009	Telephone: 202-564-6023
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

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: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/20/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/08/2010
	Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 10/29/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/30/2009	Telephone: 916-323-3400
Date Made Active in Reports: 11/13/2009	Last EDR Contact: 01/18/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/15/2009
Date Data Arrived at EDR: 12/15/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/30/2009
Next Scheduled EDR Contact: 12/28/2009
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: 10/05/2009
Date Data Arrived at EDR: 10/05/2009
Date Made Active in Reports: 11/09/2009
Number of Days to Update: 35

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/06/2010
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Annually

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: 12/31/2007
Date Data Arrived at EDR: 05/09/2008
Date Made Active in Reports: 06/20/2008
Number of Days to Update: 42

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 12/21/2009
Date Data Arrived at EDR: 12/21/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 28

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/05/2010
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 12/21/2009
Date Data Arrived at EDR: 12/21/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 28

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/05/2010
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Quarterly

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/11/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/17/2009	Telephone: (415) 495-8895
Date Made Active in Reports: 01/11/2010	Last EDR Contact: 01/15/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/13/2009	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 11/10/2009	Telephone: 202-366-4595
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 02/09/2010
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/24/2010
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/19/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Semi-Annually

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: 12/31/2008	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/30/2009	Telephone: 202-528-4285
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 12/18/2009
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Varies

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: 08/03/2009	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 10/27/2009	Telephone: Varies
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 01/05/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/19/2010
	Data Release Frequency: Varies

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: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 12/15/2009	Telephone: 703-416-0223
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 12/15/2009
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/05/2009	Source: Department of Energy
Date Data Arrived at EDR: 05/07/2009	Telephone: 505-845-0011
Date Made Active in Reports: 05/08/2009	Last EDR Contact: 12/23/2009
Number of Days to Update: 1	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Varies

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: 11/17/2009	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 12/08/2009	Telephone: 303-231-5959
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 12/08/2009
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/22/2010
	Data Release Frequency: Semi-Annually

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: 12/31/2007	Source: EPA
Date Data Arrived at EDR: 04/09/2009	Telephone: 202-566-0250
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 01/13/2010
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Annually

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: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 01/20/2010
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/12/2010
	Data Release Frequency: Every 4 Years

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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 12/14/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Quarterly

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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 12/14/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/15/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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: 12/31/2007
Date Data Arrived at EDR: 05/19/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 125

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
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: 11/10/2009
Date Data Arrived at EDR: 11/18/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 12/23/2009
Next Scheduled EDR Contact: 04/12/2010
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: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/22/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/25/2009	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 10/23/2009	Telephone: 301-415-7169
Date Made Active in Reports: 12/16/2009	Last EDR Contact: 12/14/2009
Number of Days to Update: 54	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Quarterly

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: 10/15/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/16/2009	Telephone: 202-343-9775
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 01/13/2010
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/26/2010
	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: 10/19/2009	Source: EPA
Date Data Arrived at EDR: 10/22/2009	Telephone: (415) 947-8000
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 12/10/2009
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/29/2010
	Data Release Frequency: Quarterly

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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

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: 12/31/2007	Source: EPA/NTIS
Date Data Arrived at EDR: 02/19/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/22/2009	Last EDR Contact: 11/20/2009
Number of Days to Update: 92	Next Scheduled EDR Contact: 03/05/2010
	Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/20/2009
Date Data Arrived at EDR: 11/24/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/24/2009
Next Scheduled EDR Contact: 03/05/2010
Data Release Frequency: Quarterly

CA 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: 11/25/2009
Next Scheduled EDR Contact: 03/15/2010
Data Release Frequency: Quarterly

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). This listing is no longer updated by the state agency.

Date of Government Version: 01/06/2010
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 12

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 01/06/2010
Next Scheduled EDR Contact: 04/19/2010
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].

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

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/23/2009
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/22/2009
Date Data Arrived at EDR: 01/25/2010
Date Made Active in Reports: 01/29/2010
Number of Days to Update: 4

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Annually

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: 01/07/2010
Next Scheduled EDR Contact: 04/19/2010
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.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 10/28/2009
Number of Days to Update: 7

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/21/2010
Next Scheduled EDR Contact: 05/03/2010
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: 12/31/2007
Date Data Arrived at EDR: 07/14/2009
Date Made Active in Reports: 07/23/2009
Number of Days to Update: 9

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 01/06/2010
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/19/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

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: 11/16/2009
Date Data Arrived at EDR: 11/16/2009
Date Made Active in Reports: 01/19/2010
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/21/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/25/2009	Telephone: N/A
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 12/15/2009
Number of Days to Update: 45	Next Scheduled EDR Contact: 03/29/2010
	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: 01/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/18/2009	Telephone: 202-566-0517
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 11/13/2009
Number of Days to Update: 100	Next Scheduled EDR Contact: 02/15/2010
	Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 01/27/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/18/2009	Source: Department of Conservation
Date Data Arrived at EDR: 12/21/2009	Telephone: 916-323-3836
Date Made Active in Reports: 01/18/2010	Last EDR Contact: 12/21/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/05/2010
	Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action (a??cleanupsa??) tracked in EnviroStor.

Date of Government Version: 03/13/2009	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/27/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 02/09/2010
Number of Days to Update: 12	Next Scheduled EDR Contact: 05/24/2010
	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: 01/18/2010	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/19/2010	Telephone: 916-440-7145
Date Made Active in Reports: 01/29/2010	Last EDR Contact: 01/19/2010
Number of Days to Update: 10	Next Scheduled EDR Contact: 05/03/2010
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/24/2009
Date Data Arrived at EDR: 12/17/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 32

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/15/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/19/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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

COUNTY RECORDS

ALAMEDA COUNTY:

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: 01/19/2010
Date Data Arrived at EDR: 01/21/2010
Date Made Active in Reports: 01/29/2010
Number of Days to Update: 8

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/19/2010
Date Data Arrived at EDR: 01/21/2010
Date Made Active in Reports: 02/02/2010
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/18/2009
Date Data Arrived at EDR: 11/20/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 14

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

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: 12/31/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 01/29/2010
Number of Days to Update: 9

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 11/18/2009
Date Data Arrived at EDR: 11/20/2009
Date Made Active in Reports: 12/08/2009
Number of Days to Update: 18

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/16/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/30/2009
Date Data Arrived at EDR: 12/28/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 21

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/26/2009
Date Data Arrived at EDR: 10/27/2009
Date Made Active in Reports: 11/13/2009
Number of Days to Update: 17

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/25/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 11/20/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/11/2009
Date Data Arrived at EDR: 04/23/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 18

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/25/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/25/2010
Date Data Arrived at EDR: 01/25/2010
Date Made Active in Reports: 02/02/2010
Number of Days to Update: 8

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/25/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/21/2010
Date Data Arrived at EDR: 01/25/2010
Date Made Active in Reports: 02/02/2010
Number of Days to Update: 8

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/18/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/19/2009
Date Data Arrived at EDR: 10/27/2009
Date Made Active in Reports: 11/20/2009
Number of Days to Update: 24

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/11/2010
Next Scheduled EDR Contact: 04/26/2010
Data Release Frequency: Semi-Annually

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/07/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/07/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/04/2009
Date Data Arrived at EDR: 11/18/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 16

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/04/2009
Date Data Arrived at EDR: 11/18/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 16

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/13/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/04/2009
Date Data Arrived at EDR: 11/18/2009
Date Made Active in Reports: 11/20/2009
Number of Days to Update: 2

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/29/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 20

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/28/2009
Date Data Arrived at EDR: 10/30/2009
Date Made Active in Reports: 11/13/2009
Number of Days to Update: 14

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/21/2010
Date Data Arrived at EDR: 01/27/2010
Date Made Active in Reports: 02/02/2010
Number of Days to Update: 6

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 01/05/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 01/29/2010
Number of Days to Update: 14

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/12/2010
Next Scheduled EDR Contact: 04/26/2010
Data Release Frequency: Quarterly

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: 11/12/2009
Date Data Arrived at EDR: 11/20/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 14

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/22/2010
Next Scheduled EDR Contact: 04/26/2010
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

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: 12/08/2009
Date Data Arrived at EDR: 12/09/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 40

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/16/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

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.)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/16/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/22/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 12/04/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 45

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

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: 09/23/2009
Date Data Arrived at EDR: 12/15/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 34

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 12/15/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight 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: 11/16/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Quarterly

Underground Storage Tank Information

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: 10/01/2008
Number of Days to Update: 12

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/30/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/14/2009
Date Data Arrived at EDR: 10/15/2009
Date Made Active in Reports: 11/02/2009
Number of Days to Update: 18

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 04/12/2010
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/05/2010
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 13

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/18/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 04/07/2009
Date Data Arrived at EDR: 04/07/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/18/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

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

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 05/29/2009
Date Data Arrived at EDR: 06/01/2009
Date Made Active in Reports: 06/15/2009
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 12/07/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Varies

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/31/2009
Date Data Arrived at EDR: 08/31/2009
Date Made Active in Reports: 09/18/2009
Number of Days to Update: 18

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 11/16/2009
Next Scheduled EDR Contact: 03/01/2010
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/07/2009
Date Data Arrived at EDR: 12/10/2009
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 39

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/07/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 12/07/2009
Date Data Arrived at EDR: 12/10/2009
Date Made Active in Reports: 12/22/2009
Number of Days to Update: 12

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/07/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/05/2010
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 01/18/2010
Number of Days to Update: 12

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/05/2010
Next Scheduled EDR Contact: 04/19/2010
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 04/01/2009
Date Data Arrived at EDR: 04/02/2009
Date Made Active in Reports: 04/09/2009
Number of Days to Update: 7

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/28/2009
Next Scheduled EDR Contact: 03/29/2010
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

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: 10/26/2009
Date Data Arrived at EDR: 11/30/2009
Date Made Active in Reports: 12/04/2009
Number of Days to Update: 4

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/23/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 10/05/2009
Date Made Active in Reports: 10/13/2009
Number of Days to Update: 8

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Annually

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: 11/20/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/27/2009

Date Data Arrived at EDR: 12/21/2009

Date Made Active in Reports: 01/18/2010

Number of Days to Update: 28

Source: Environmental Health Division

Telephone: 805-654-2813

Last EDR Contact: 12/21/2009

Next Scheduled EDR Contact: 04/05/2010

Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/28/2009

Date Data Arrived at EDR: 12/31/2009

Date Made Active in Reports: 01/18/2010

Number of Days to Update: 18

Source: Yolo County Department of Health

Telephone: 530-666-8646

Last EDR Contact: 12/28/2009

Next Scheduled EDR Contact: 04/12/2010

Data Release Frequency: Annually

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: 12/31/2007

Date Data Arrived at EDR: 08/26/2009

Date Made Active in Reports: 09/11/2009

Number of Days to Update: 16

Source: Department of Environmental Protection

Telephone: 860-424-3375

Last EDR Contact: 11/24/2009

Next Scheduled EDR Contact: 03/08/2010

Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009

Date Data Arrived at EDR: 01/20/2010

Date Made Active in Reports: 02/05/2010

Number of Days to Update: 16

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 01/20/2010

Next Scheduled EDR Contact: 05/03/2010

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: 10/27/2009

Date Data Arrived at EDR: 11/10/2009

Date Made Active in Reports: 12/09/2009

Number of Days to Update: 29

Source: Department of Environmental Conservation

Telephone: 518-402-8651

Last EDR Contact: 11/10/2009

Next Scheduled EDR Contact: 02/22/2010

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 11/23/2009
Next Scheduled EDR Contact: 03/08/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 06/01/2009
Date Data Arrived at EDR: 06/12/2009
Date Made Active in Reports: 06/29/2009
Number of Days to Update: 17

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/30/2009
Next Scheduled EDR Contact: 03/15/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 07/17/2009
Date Made Active in Reports: 08/10/2009
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/21/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TRANSIT ORIENTED DEVELOPMENT SITE
8TH STREET AND 1ST AVENUE
FORT ORD, CA 93933

TARGET PROPERTY COORDINATES

Latitude (North):	36.65980 - 36° 39' 35.3"
Longitude (West):	121.8157 - 121° 48' 56.5"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	605846.7
UTM Y (Meters):	4057584.8
Elevation:	105 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	36121-F7 MARINA, CA
Most Recent Revision:	1983

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).

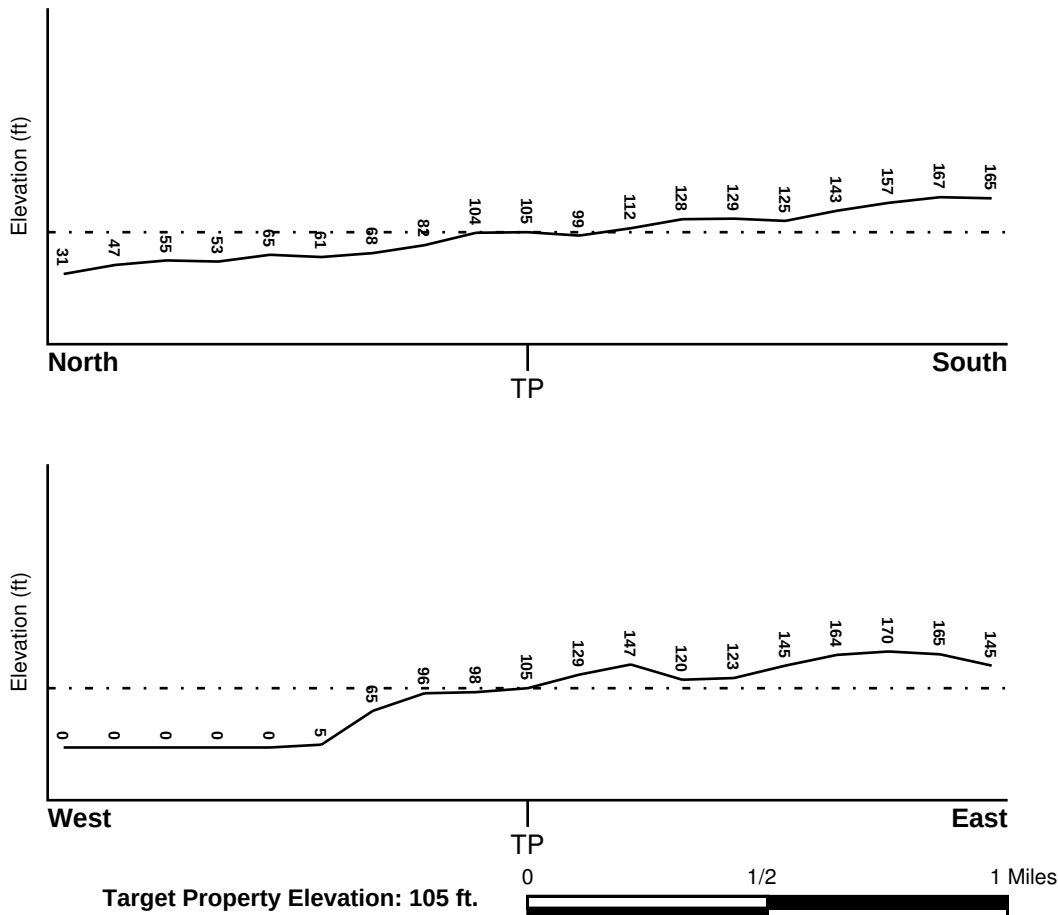
TOPOGRAPHIC INFORMATION

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 NNW

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

Target Property County
MONTEREY, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06053C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
MARINA

NWI Electronic
Data Coverage
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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
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

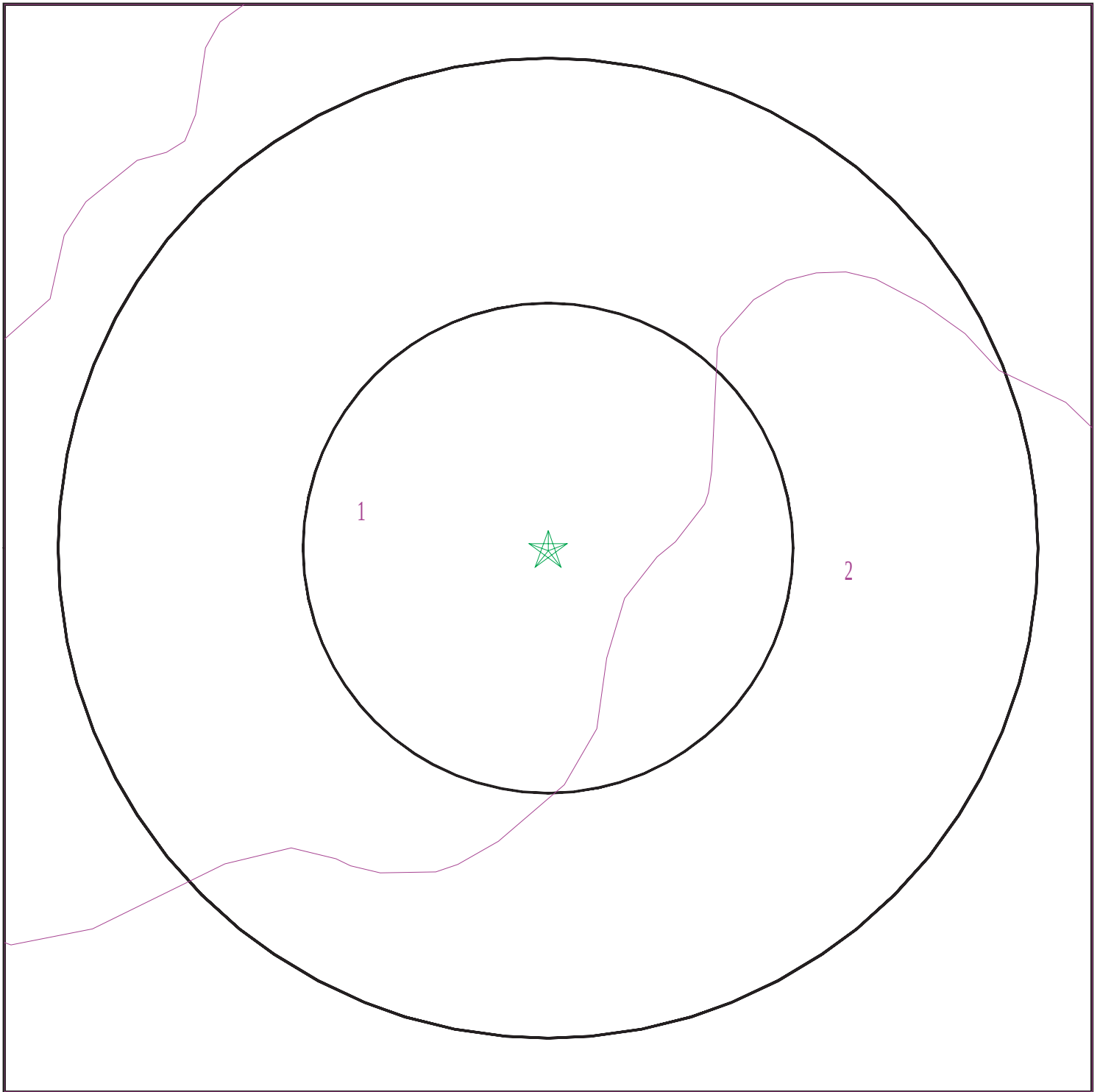
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified 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 - 2696391.2s



- ★ Target Property
- ∕ SSURGO Soil
- ∕ Water



SITE NAME: Transit Oriented Development Site
ADDRESS: 8th Street and 1st Avenue
Fort Ord CA 93933
LAT/LONG: 36.6598 / 121.8157

CLIENT: Kleinfelder, Inc.
CONTACT: Jim Woodard
INQUIRY #: 2696391.2s
DATE: February 09, 2010 3:31 pm

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: Baywood

Soil Surface Texture: 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: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	sand	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.1

Soil Map ID: 2

Soil Component Name: Oceano

Soil Surface Texture: 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

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							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	79 inches	loamy sand	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 5.1

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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

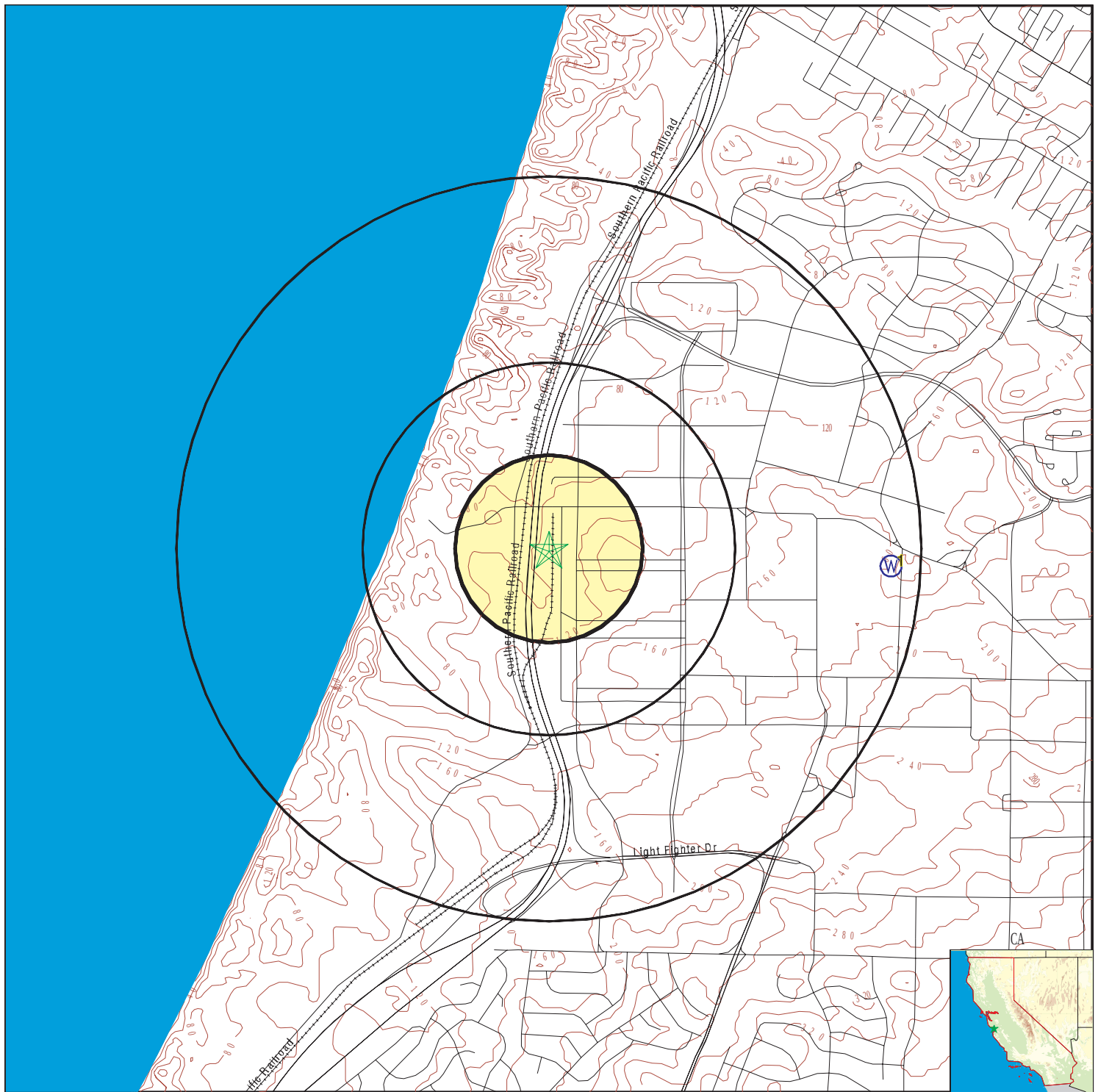
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
<u>1</u>	<u>11463</u>	<u>1/2 - 1 Mile East</u>

PHYSICAL SETTING SOURCE MAP - 2696391.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Transit Oriented Development Site
 ADDRESS: 8th Street and 1st Avenue
 Fort Ord CA 93933
 LAT/LONG: 36.6598 / 121.8157

CLIENT: Kleinfelder, Inc.
 CONTACT: Jim Woodard
 INQUIRY #: 2696391.2s
 DATE: February 09, 2010 3:31 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
East
1/2 - 1 Mile
Higher

CA WELLS 11463

Water System Information:

Prime Station Code:	13S/03E-17Q05 M	User ID:	27C
FRDS Number:	2700649001	County:	Monterey
District Number:	57	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	363933.5 1214753.4	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		
System Number:	2700649		
System Name:	ESSICK ROAD WATER SYSTEM #1		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		
Sample Collected:	07/27/2004	Findings:	38 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
93933	3	0	0.00

Federal EPA Radon Zone for MONTEREY 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 MONTEREY COUNTY, CA

Number of sites tested: 16

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.788 pCi/L	94%	6%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.133 pCi/L	67%	33%	0%

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

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 Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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 Health Services

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: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

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.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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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